

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

25X1A

COUNTRY Bulgaria

SUBJECT Location of Power Stations and Dams

25X1A

PLACE ACQUIRED
(BY SOURCE)

25X1C

DATE ACQUIRED
(BY SOURCE)

25X1C

DATE (OF INFO.)

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS REPORT IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

DATE DISTR. 25 AUG 1954

NO. OF PAGES 3

NO. OF ENCLS.

SUPP. TO
REPORT NO.

25X1X

/Available on loan from the CIA Map Library are a number of sheets of the Bulgarian 1:100,000 series. In addition to other information indicated on these maps, source marked thermoelectric power stations (green circle); hydroelectric power stations (green triangle); and dams with the symbol (in brown). Broken lines indicate that the facility is in the project or construction stage. The sequence of a Roman and an Arabic numeral (as in IV 2), usually after a place name, indicates the map sheet in the series which gives the geographic location of the appropriate installation. To borrow maps call - code 143, ext. 2596. Map call no. VF76991.7

Hydroelectric Power Stations

1. 1, at Kitka (mountain), IV 2 (near Belogradchik)

2, at Mala Chuksa, IV 2 (near Belogradchik)

3, near Petrokhanski Pass, V 3; at this location, four hydroelectric power stations are planned to be constructed; a dam was so poorly constructed at this location that the responsible engineer - who had opposed the project in the form in which it was ordered by the authorities - anticipated its failure and fled in 1950 or 1951 via Yugoslavia and Austria to Canada. This man, Engineer Preobrazhenski, now lives in Canada.

U.S. Officials Only
CONFIDENTIAL

DISTRIBUTION	STATE	ARMY	NAVY	AIR	FBI	ORR	EV
--------------	-------	------	------	-----	-----	-----	----

This report is for the use within the USA of the Intelligence components of the Departments or Agencies indicated above. It is not to be transmitted overseas without the concurrence of the originating office through the Assistant Director of the Office of Collection and Dissemination, CIA.

25X1A
CONFIDENTIAL
US OFFICIALS ONLY

- 4, at Cherven Bryag, V 4
- 5, near "Aleksander Stamboliski" Dam (see below), V 5; in project stage
- 6, at Pancharevo, VI 3
- 7, near Kokalene, VI 3; in construction
- 8, near Passarel, VI 3; in construction
- 9, at Vidina near Troyan, VI 5
- 10, near "Georgi Dimitrov" Dam, VI 5; two hydroelectric power stations are in construction at this point.
- 11, at Pastra, VII 3
- 12, at Mala Tsurkva, VII 3; in construction
- 13, at Elli-Dere (Vetren Dol), VII 4; in construction
- 14, at Krichim, VII 4; in construction
- 15, shown on sheet VIII 4; a large dam and hydroelectric power station with a projected output of 100,000 kw are in construction between Batak and Dobrichditsa (sic); the exact location appears doubtful
- 16, near Assenovgrad, VIII 5; this power station was last reported in construction, is believed to be completed

Thermoelectric Power Stations

2. 1, at Pleven, V 5
- 2, at Varna (now Stalin), V 9
- 3, at Pernik, VI 2; this thermoelectric power station bears the name, "Tets Dimitrovo" and now has a capacity of 16,000; its projected capacity is 28,000 kw
- 4, at Pernik, VI 2; this station bears the name, "Tets Republica" and now has a capacity of 50,000 kw; its capacity is to be boosted to 75,000 kw
- 5, near Kurilo, VI 3; its name is "Stalin", and its present capacity of 20,000 kw is to be increased to 30,000 kw
- 6, near Trevna, VI 6
- 7, near Dimitrovgrad, VII 6; its name is "Tets Maritsa"
- 8, near Dimitrovgrad, VII 6; its name is "Tets Volko Chervenkov"
- 9, near Galabovo, VII 6; thermoelectric power station projected and will be named "Tets Maritsa Eastok"
- 10, near Burgas, VII 8; former name of power station was "Tets Chernomore"; new name is "Tets Vasil Kolarov"

CONFIDENTIAL
US OFFICIALS ONLY

CONFIDENTIAL
US OFFICIALS ONLY

Dams

3. 1, at Kitka (mountain), IV 2 (near Belogradchik)
- 2, at Mala Chuka, IV 2 (near Belogradchik)
- 3, near Petrokhanski Pass, V 3 (poorly constructed; see comment above)
- 4, at Cherven Bryag, V 4
- 5, on Rositsa River, V 5; this dam was formerly named, "Rositsa", new name is "Aleksander Stamboliski"
- 6, at Pancharovo, VI 3
- 7, near Passarel, VI 3; at this location, the "Stalin" Dam is now in construction and projected to become the largest dam in Bulgaria
- 8, at Vidima, VI 5 (near Troyan)
- 9, at Koberinka, VI 5; "Georgi Dimitrov" Dam now in construction; near Kasanluk
- 10, at Pastra, VII 3 ~~electric~~
- 11, at Mala Tsirkva, VII 3; near Samokov
- 12, at Elli-Dere (Vetren Dal), VII 4; in construction ~~electric~~
- 13, at Krichim, VII 4; "Vodsha" Dam in construction
- 14, on Krichim River, VIII 4; the "Vasil Kolarov" Dam, formerly called, "Tash Bosa" is located on the Krichim River; a number of other dams are in construction on the same river to provide water for the hydroelectric power station at Krichim ~~electric~~
- 15, shown on map sheet VIII 4; as indicated above, exact location of a large dam under construction in this area is doubtful
- 16, near Assenovgrad, VIII 5; "Assenitsa" Dam

- end -

LIBRARY SUBJECT AND AREA CODES
C-02-0615 8/54

735.921	20M
735.922	20M
623.322	20M

(+1)

~~electric~~

CONFIDENTIAL
US OFFICIALS ONLY

25X1A

25X1A

Map enclosures to

Confidential/US Officials Only,
Confidential/US Officials Only,
Confidential/US Officials Only,

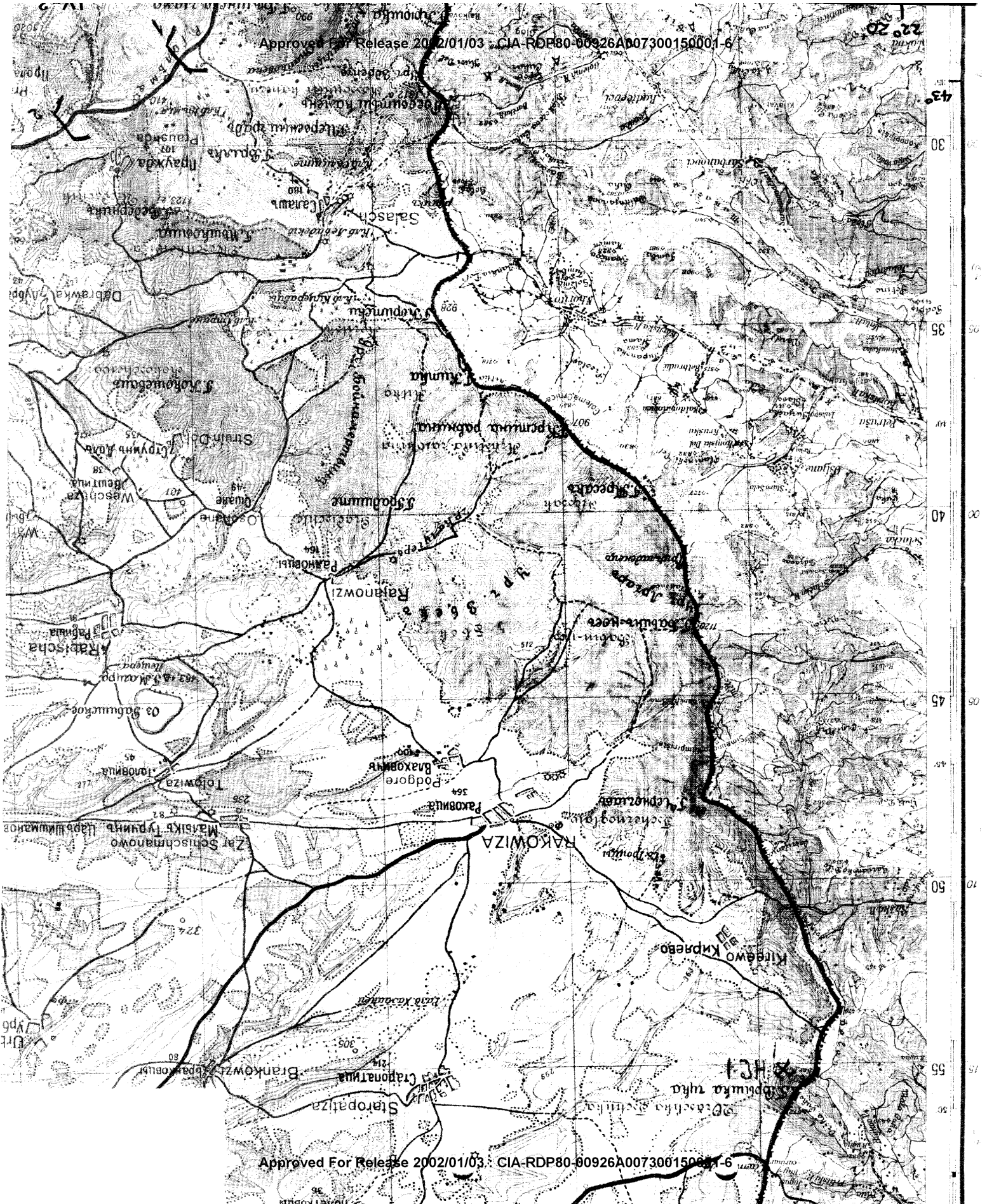
These maps are unclassified when separated from the reports.

The key to the symbols is given on the back of each map.

Annotations made on "Bulgarie 1:100,000". Numbers in the lower right corner of each map refers to the original sheet number.

25X1A

VERTICAL FILE

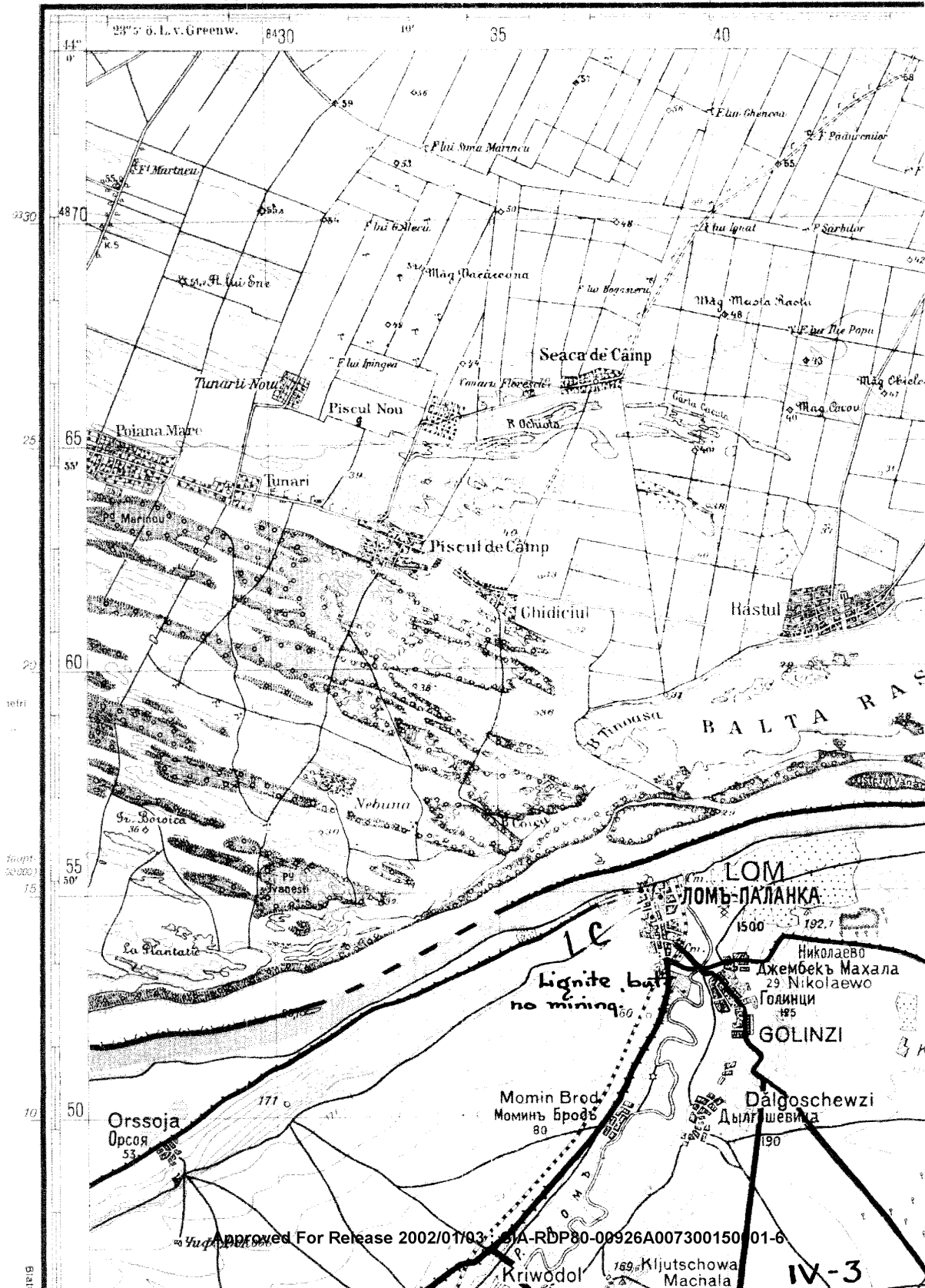


14-2

- 1 - Hydroelectric station at Kitka (mountain)
- 2 - Hydroelectric station at Mala Chuka
- 3 - Dam at Kitka
- 4 - Dam at Mala Chuka
- 5 - Dam at Vrashka Chuka

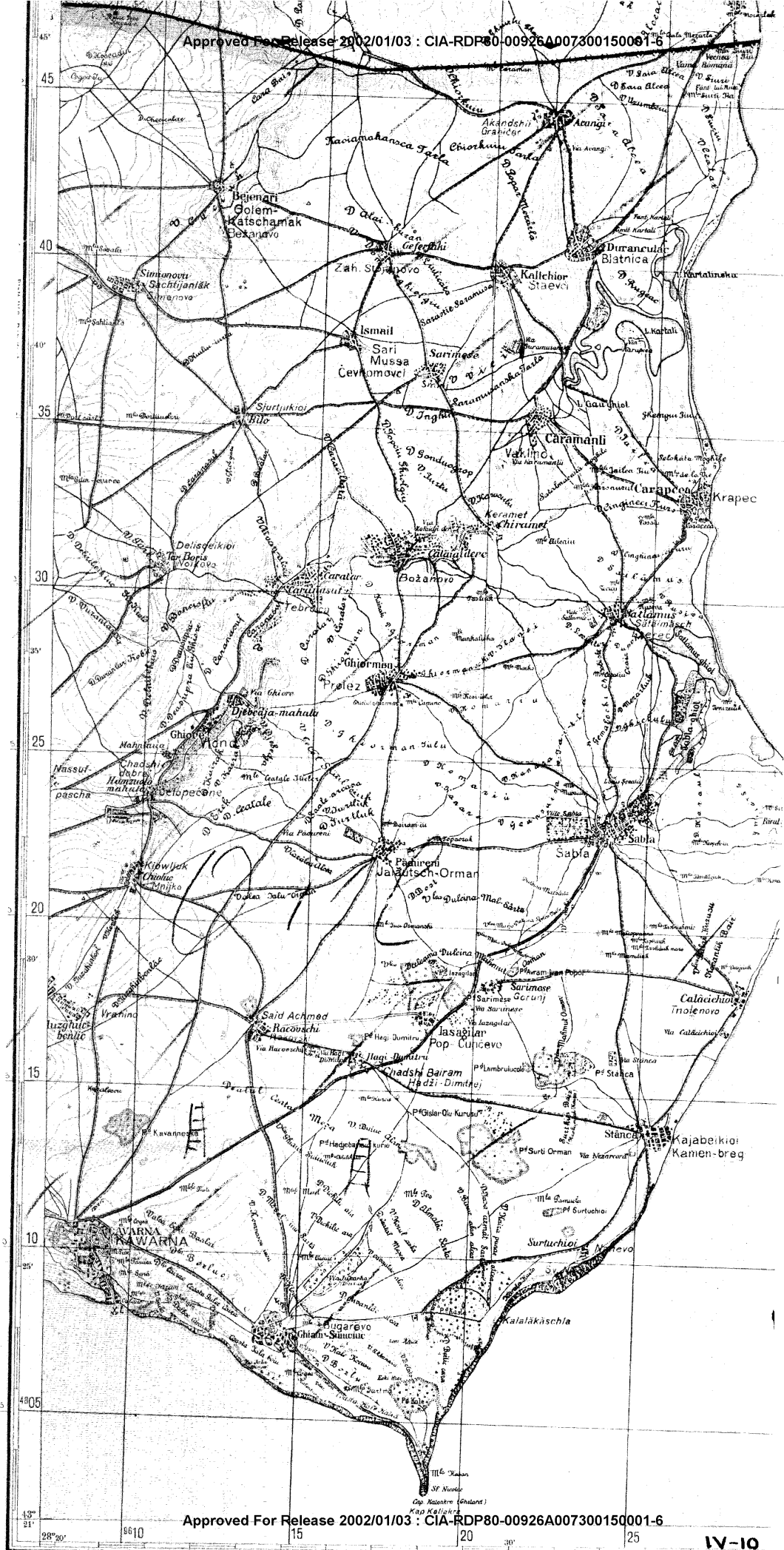
Bulgarien 1:100000

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6



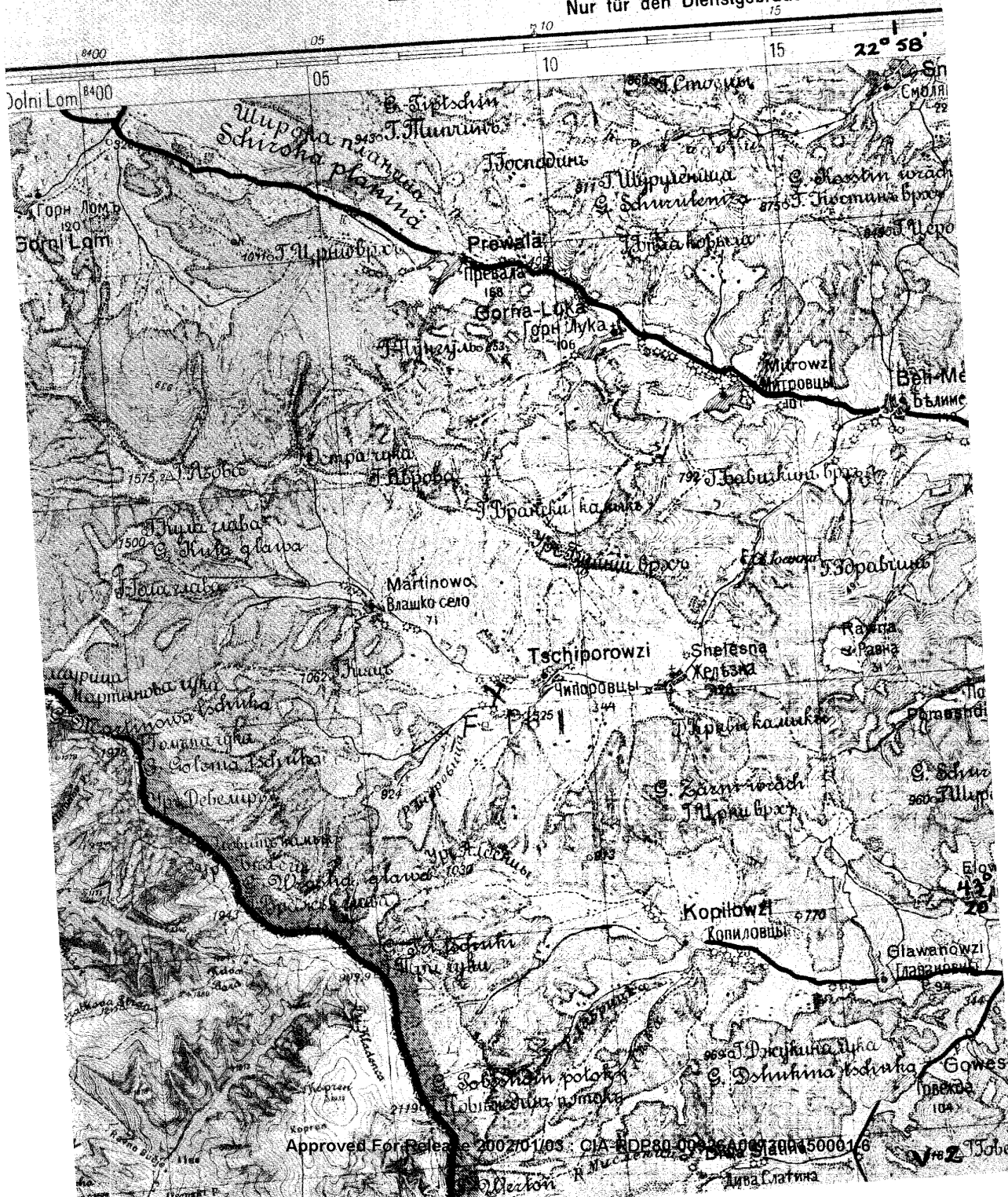
Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

IV-3



Vorläufige Sonderausgabe! 5

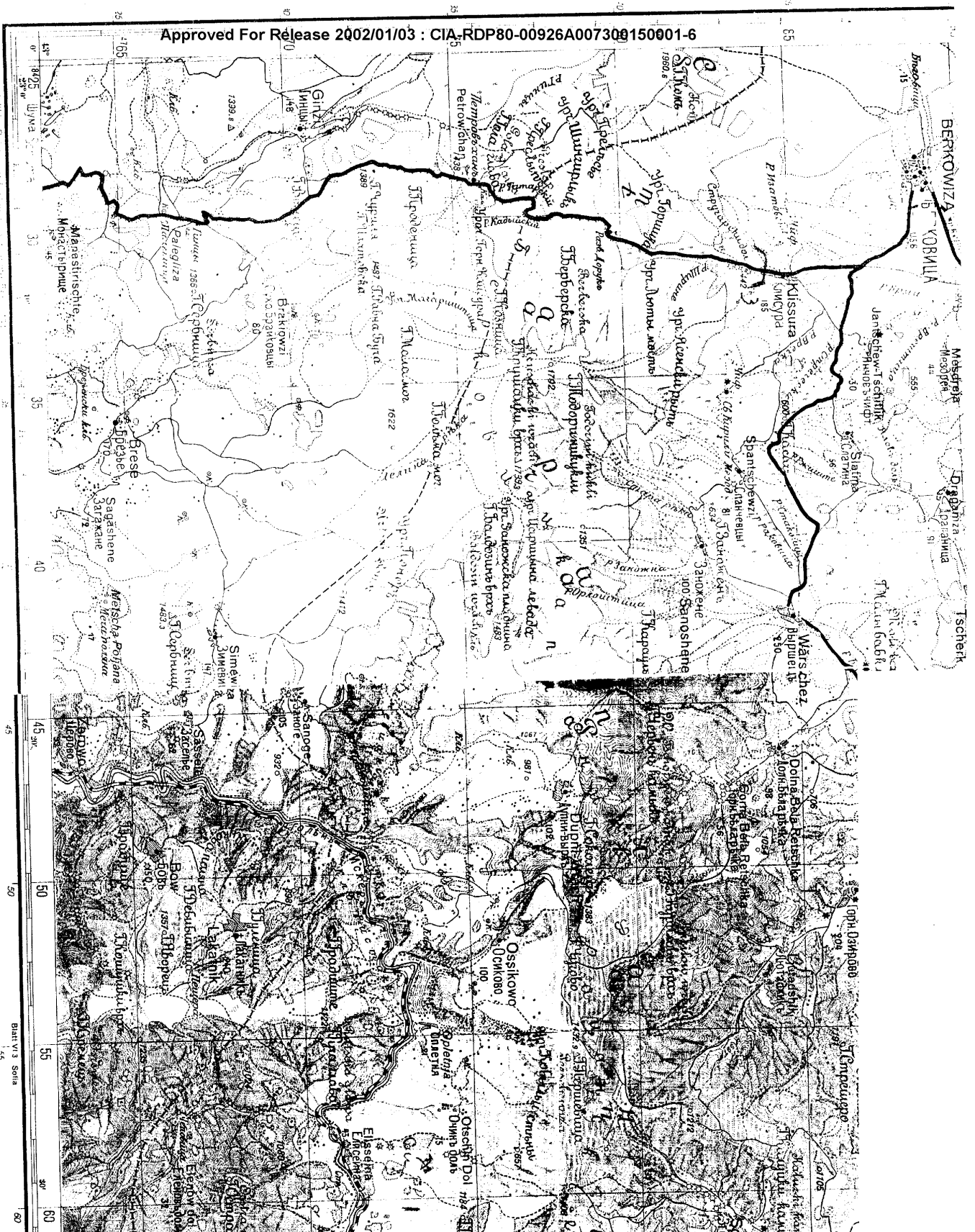
Nur für den Dienstgebrauch!



Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

FePb1 - Iron and lead mine at Chiprovtsi

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6



Polnische Grenzen:

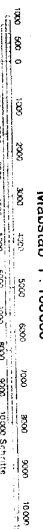
Legende:

Grundlagen:

Bezug auf die Karte 1:100000

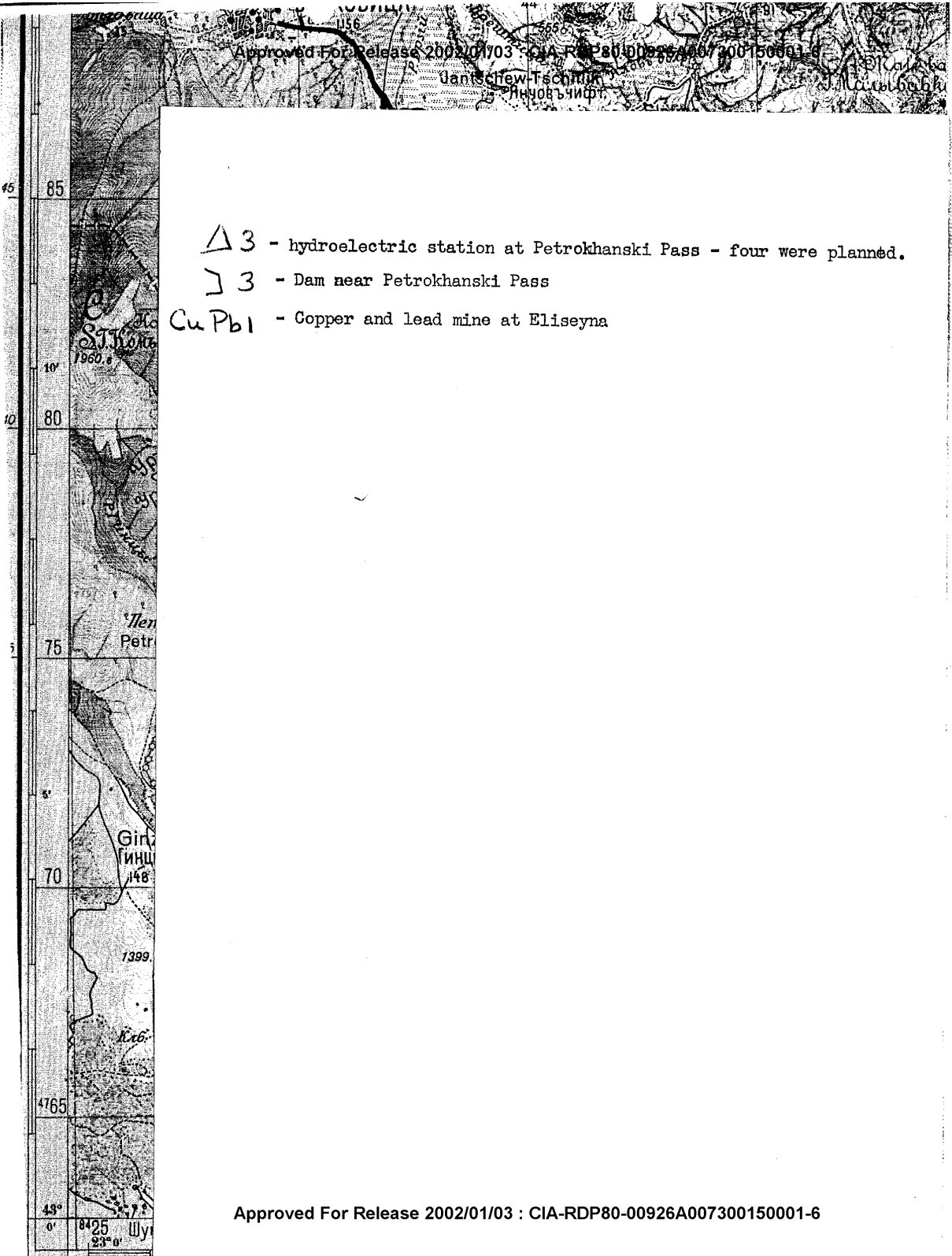
Maßstab 1:100000

Blatt V 3 Seite 55

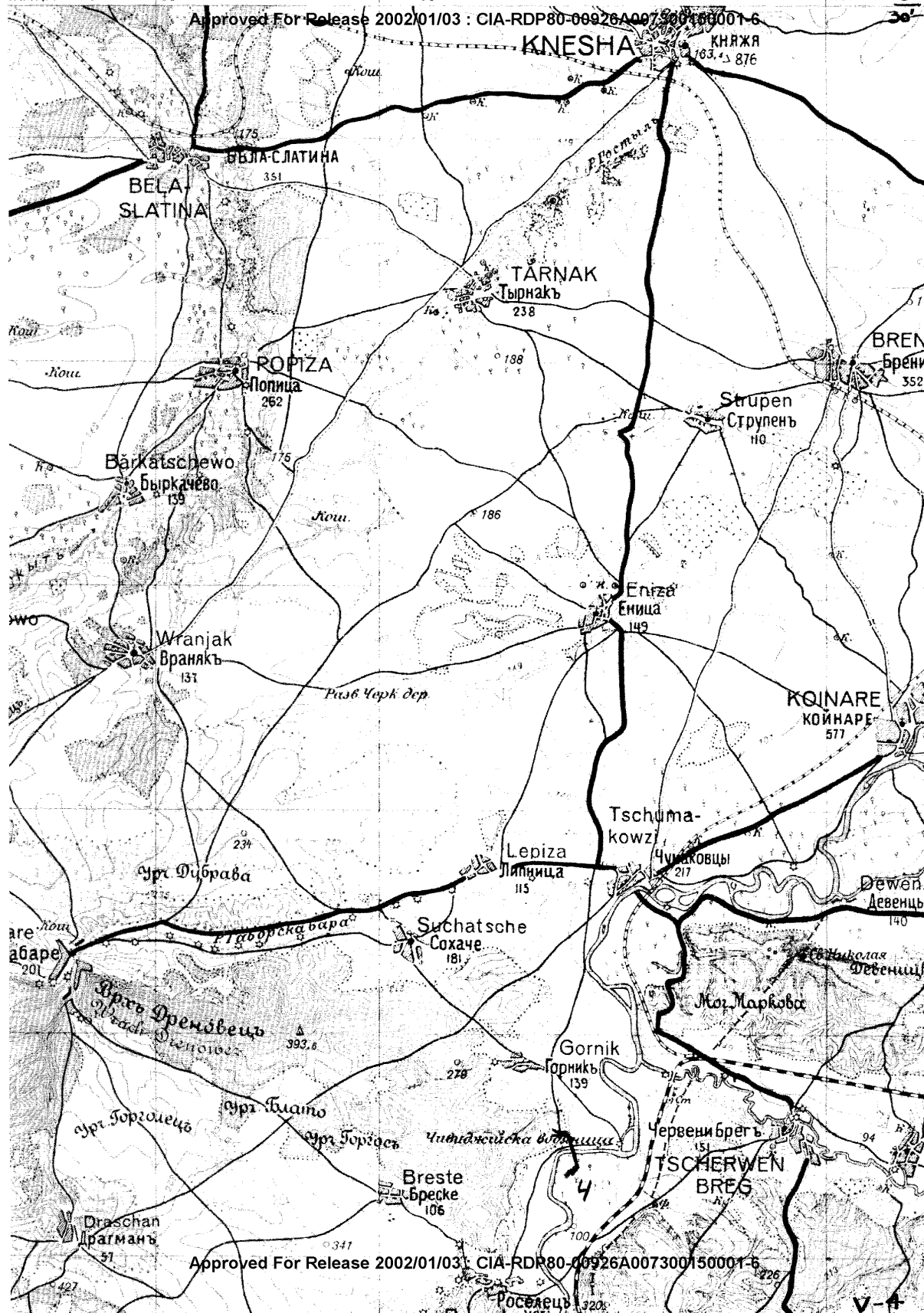


Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

Janischew-Tschinnik
Янчовъцифъ

- 
- △ 3 - hydroelectric station at Petrokhanski Pass - four were planned.
] 3 - Dam near Petrokhanski Pass
Cu Pb 1 - Copper and lead mine at Eliseyna

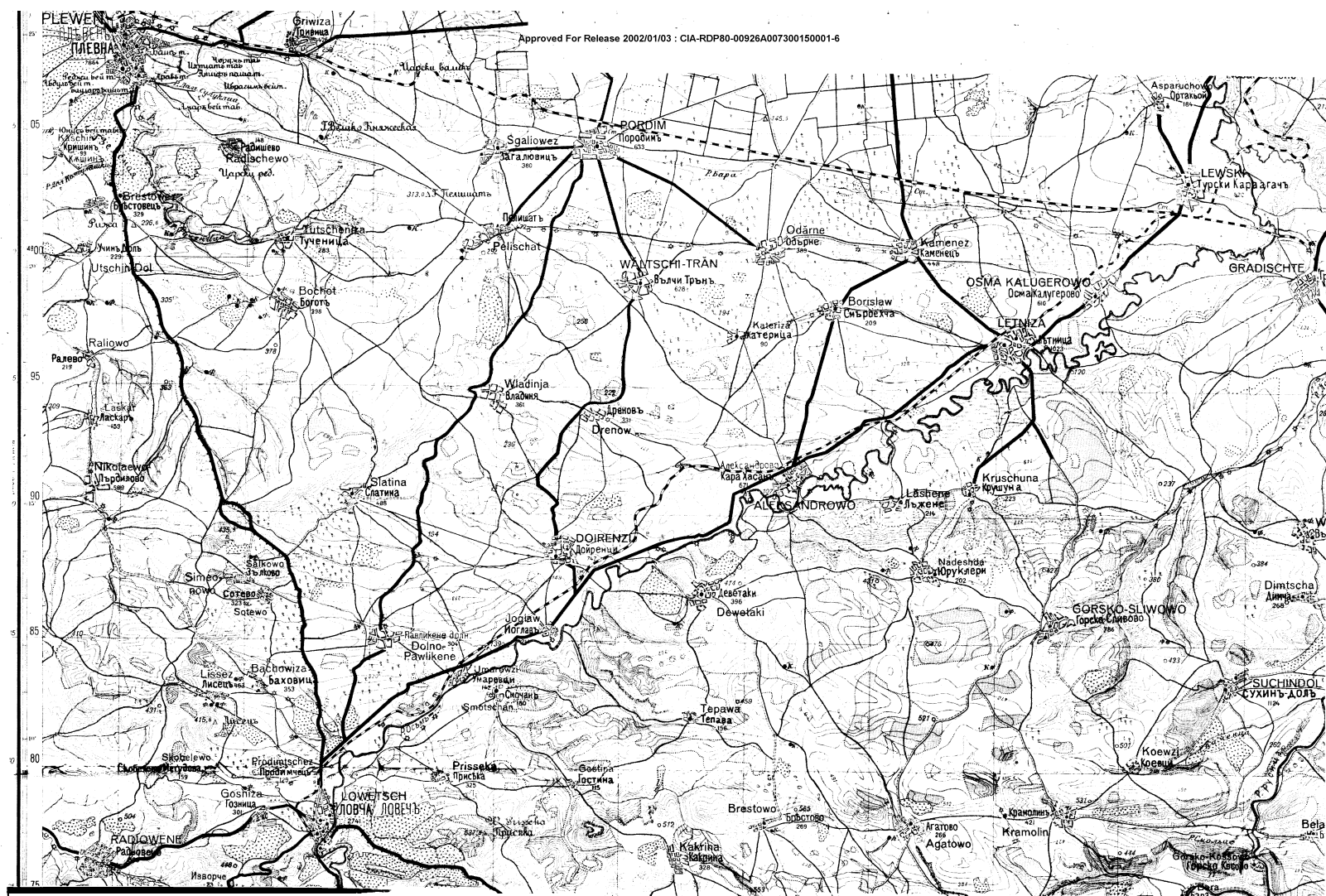
Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6



Δ1 - Hydroelectric station at Cherven Bryag.

Δ4 - Dam at Cherven Bryag.

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6



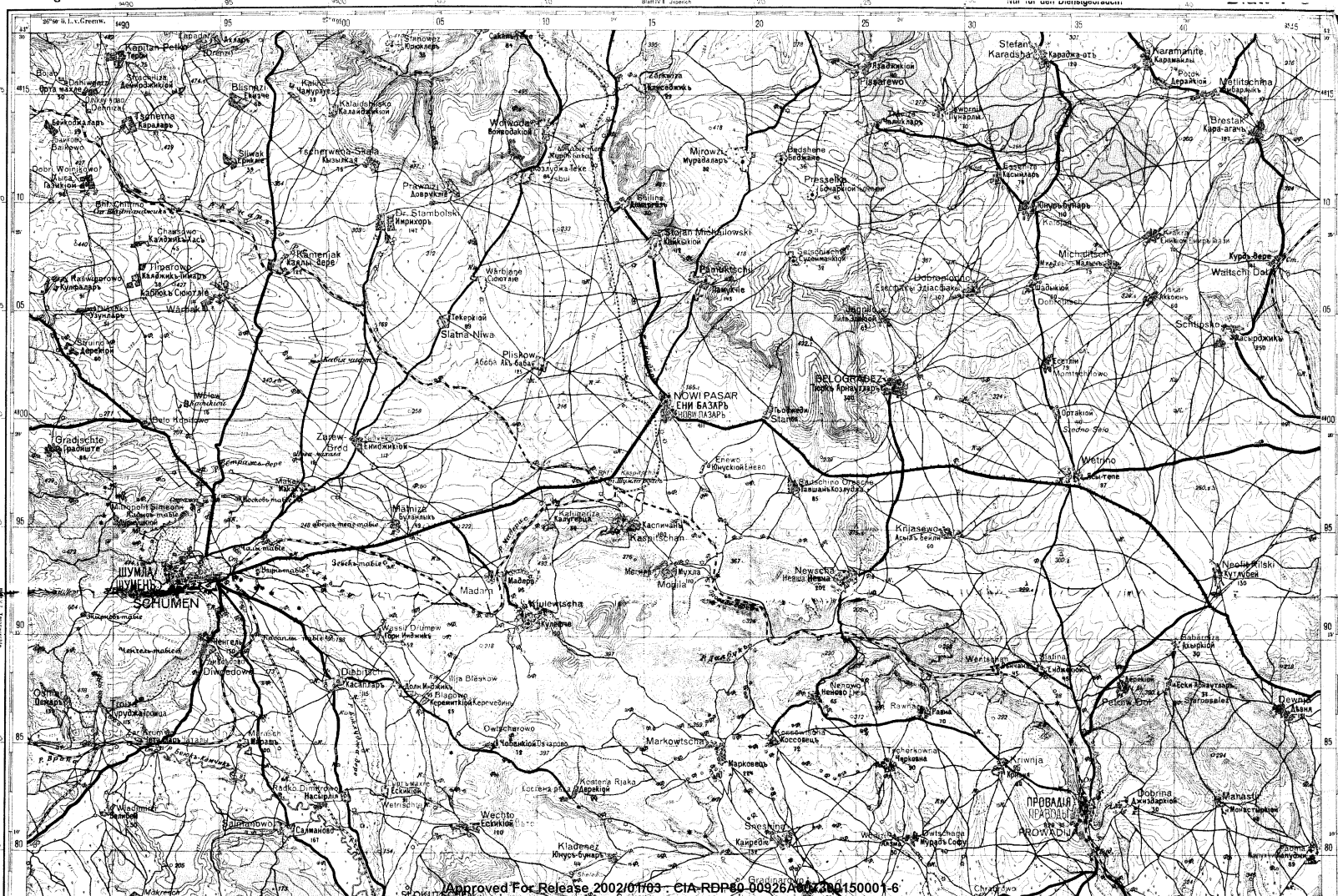
Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

V-5

- Δ5 - Hydroelectric power station near "Aleksander Stamboliski" Dam - in project state.
- Q1 - Thermoelectric power station at Pleven

Bulgarian 1:100000

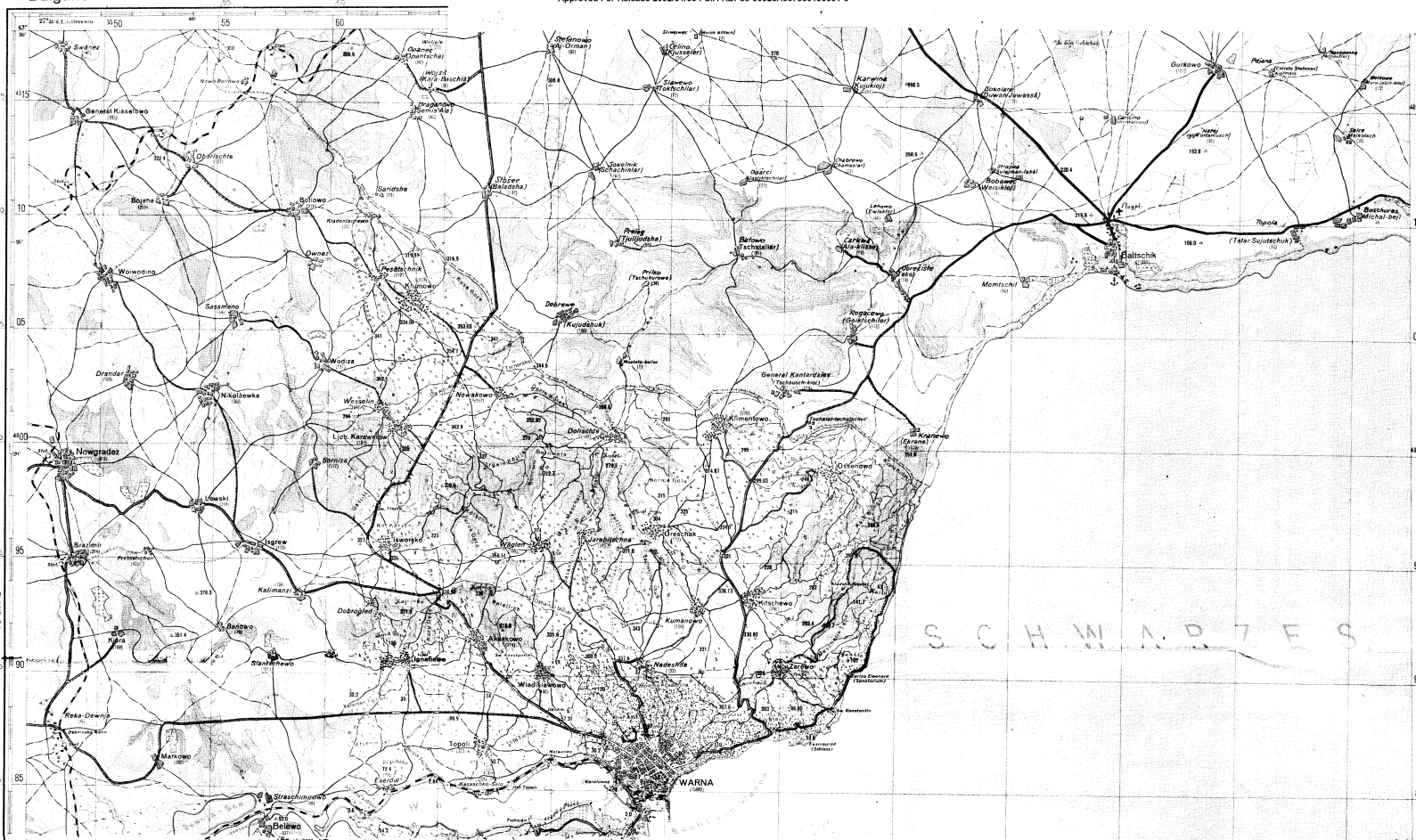
Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6



Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

Bulgarien 1:100000

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6



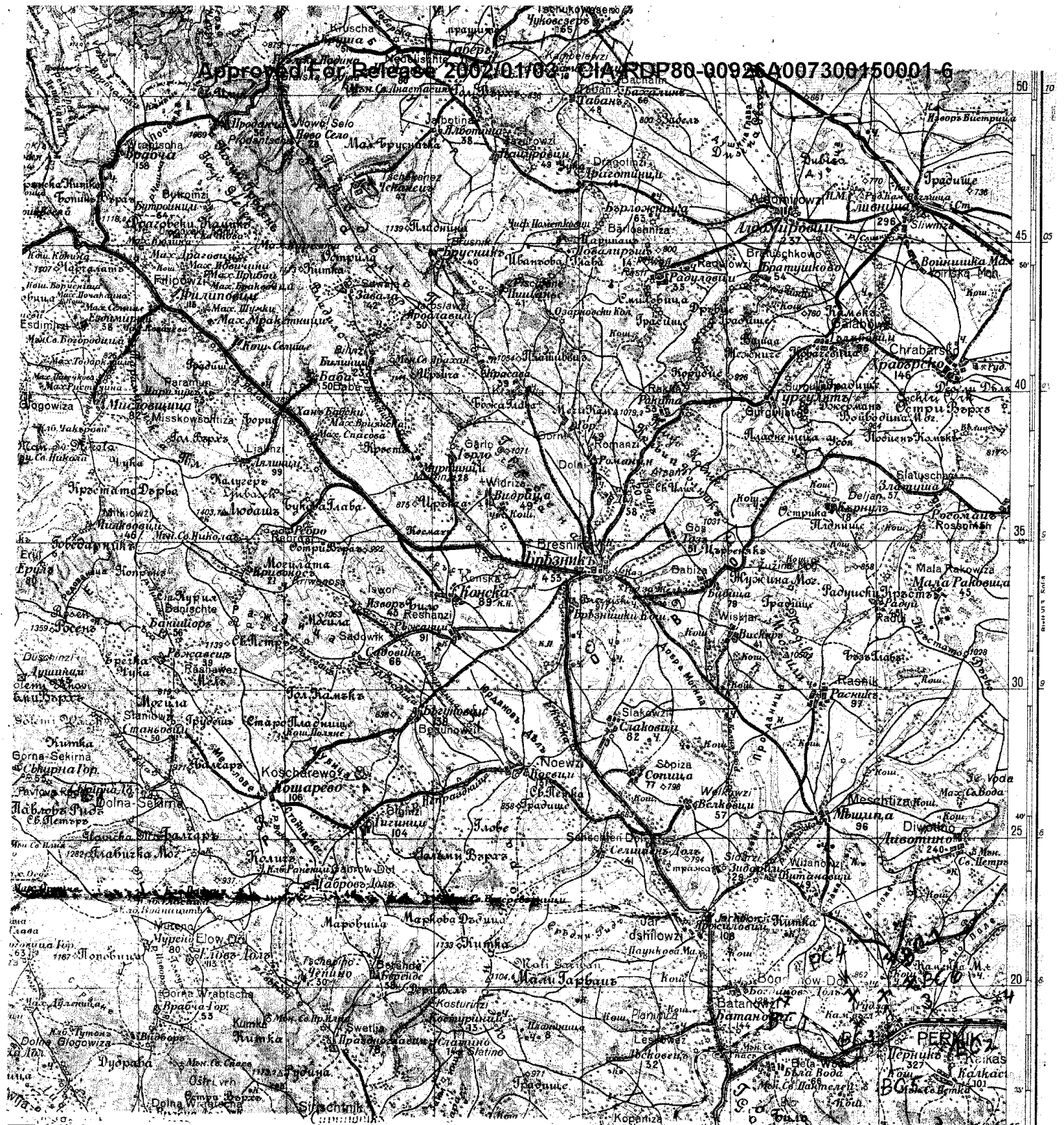
Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

02 - Thermoelectric power station at Varna

V-9

02 -

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

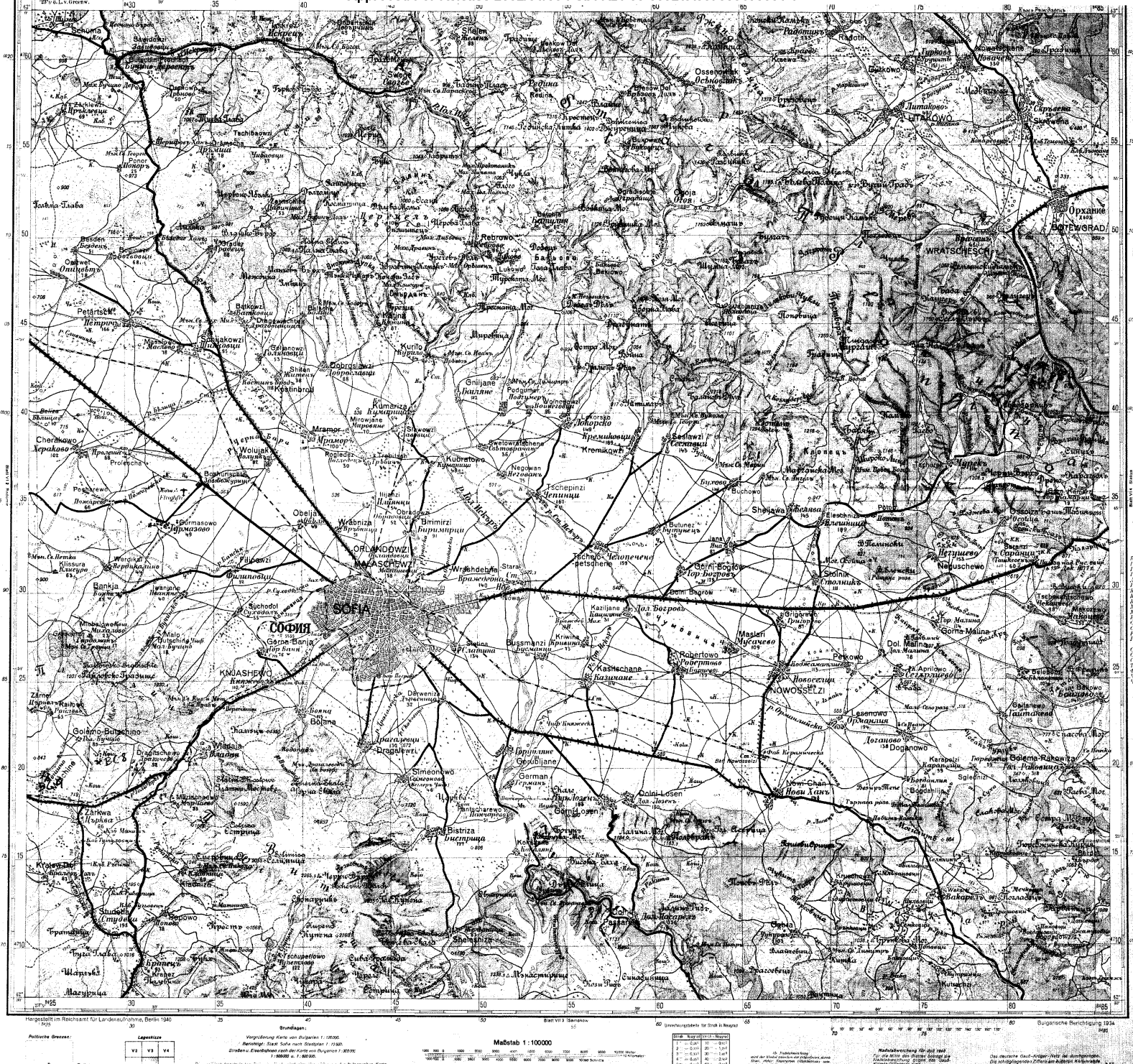


Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

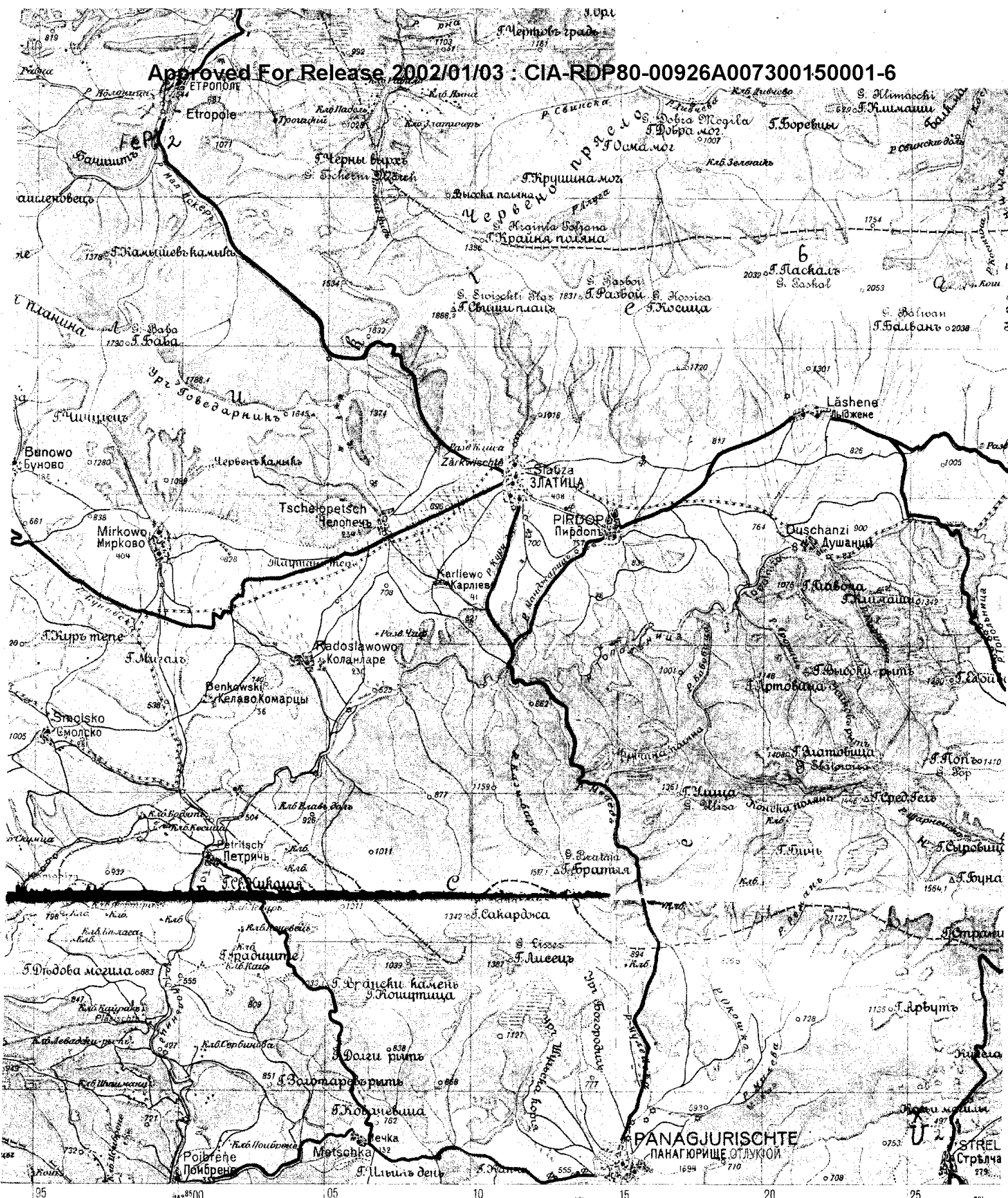
- 03 - Thermoelectric power station at Pernik "Tets Dimitrovo"
- 04 - Thermoelectric power station at Pernik "Tets Republika"
- LC1 - "Bolshevik" lignite mine
- BC1 - "Tolbukhin" brown coal mine
- BC2 - "Sedmi Septembre" brown coal mine
- BC3 - "Temelku Nenkov" brown coal mine
- BC4 - "Brigadir" brown coal mine
- BC5 - "Sveta Anna" brown coal mine
- BC6 - "Tsarena Krushe" brown coal mine
- BC7 - "Dimitir Blagoyev" brown coal mine
- FE1 - Iron mine at Sekirna

Bulgarien 1:100000

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

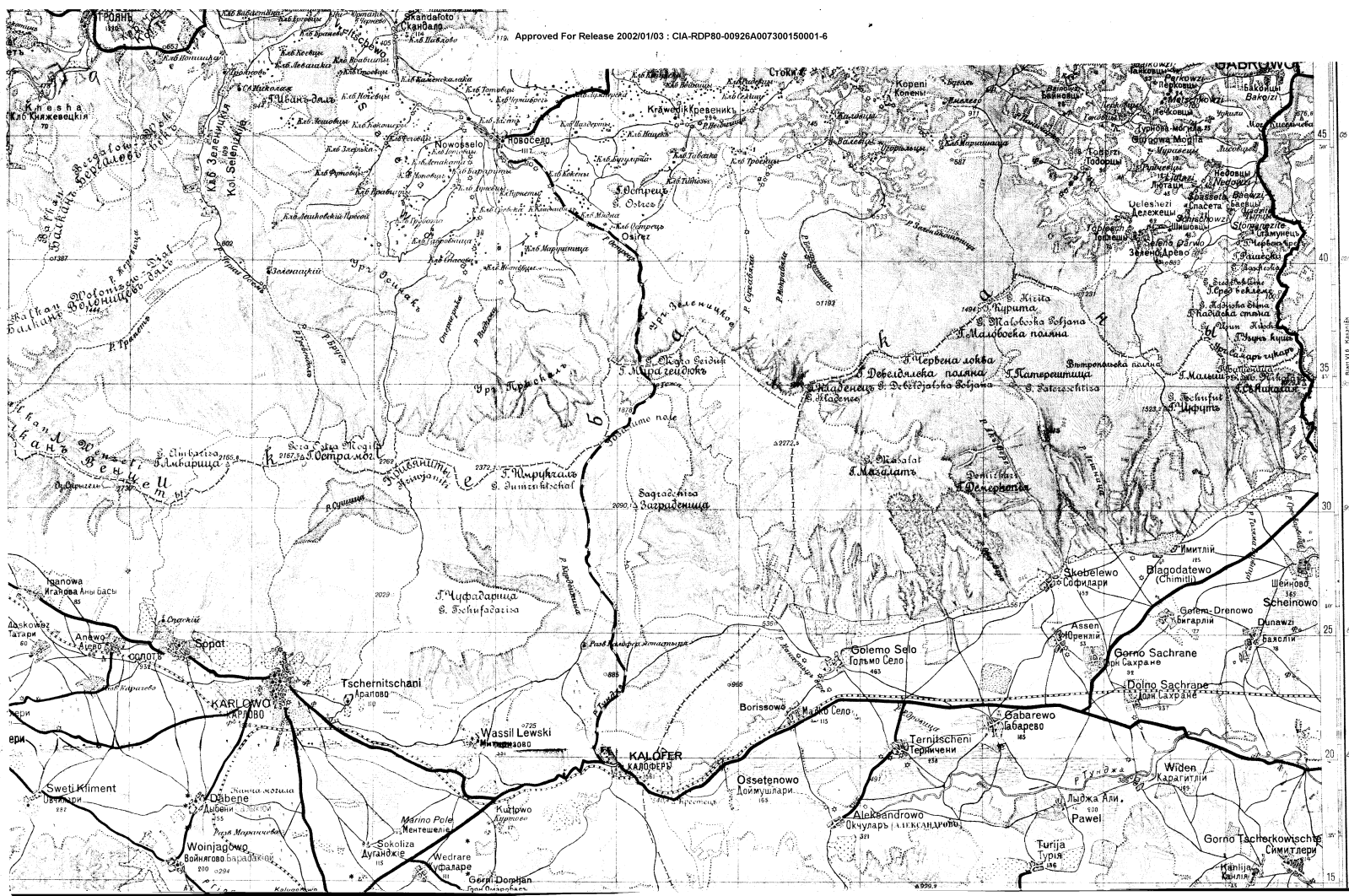


- Δ 1 - Hydroelectric station near Pancharevo.
- Δ 7 - Hydroelectric station near Kokalene - in construction
- Δ 8 - Hydroelectric station near Passarel - in construction
- Θ 5 - Thermoelectric power station near Kurilo; named "Stalin"
- } 6 - Dam at Pancharevo
- } 7 - Dam near Passarel - "Stalin" Dam
- LC 2 - Lignite mines at Kurilo; there are two mines at this location
- LC 3 - Lignite mines at Chukurovo
- BC 8 - "Republic" brown coal mine
- BC 9 - "Teva" brown coal mine
- AC - Anthracite coal mines in the Svoge mountain area
- Fe 2 - Iron mine at Bukhovo
- CuPb 2 - Copper and lead mine "Batiya"
- U 1 - Uranium mine at Bukhovo



FePb Z - Small iron and lead mines in the Etropole region which are in development
U Z - Uranium mine at Strelcha

VI-4



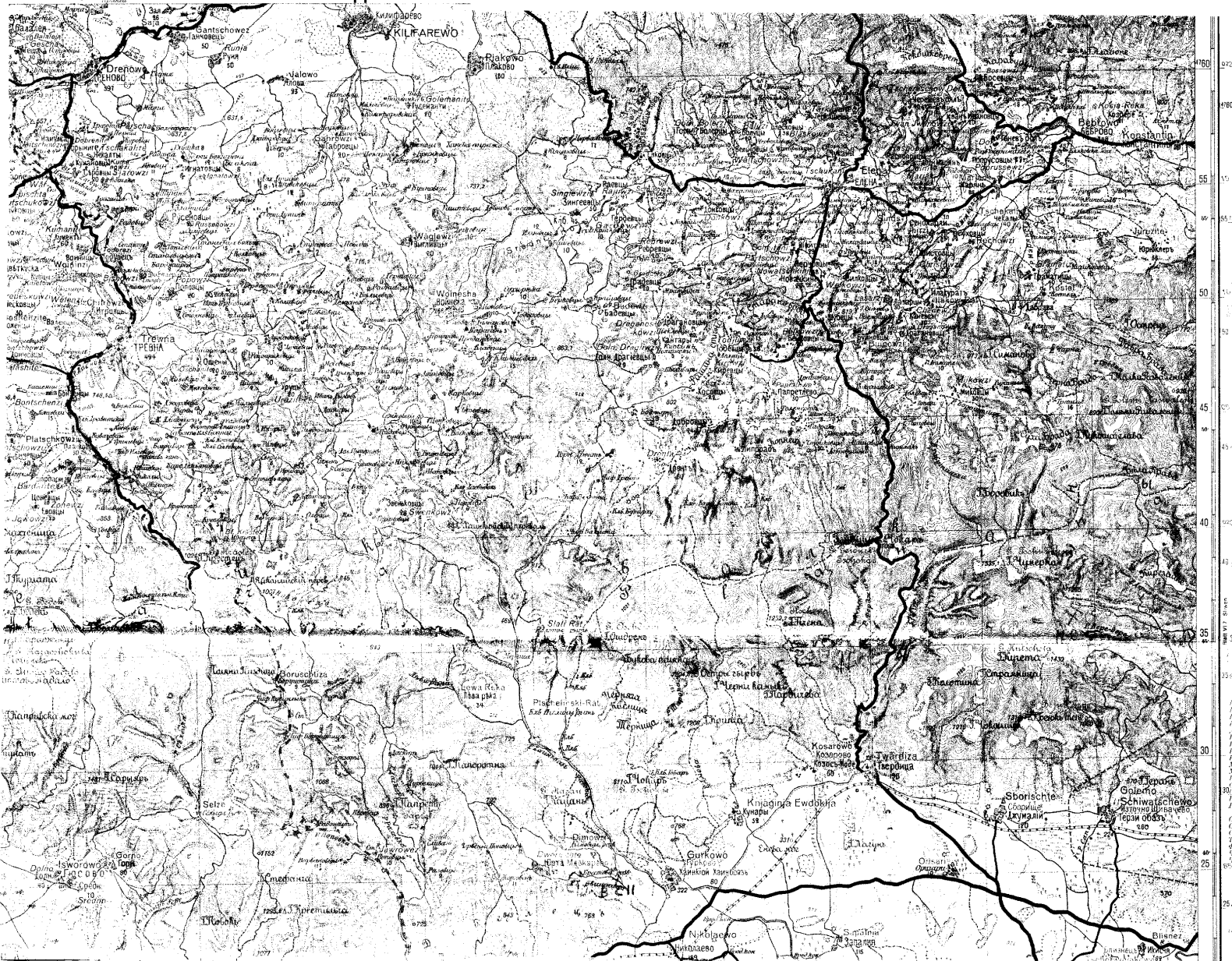
Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

- Δ 9 - Hydroelectric station at Vidima near Troyan
- Δ 10 - Hydroelectric station near "Georgi Dimitrov" Dam - two hydroelectric power stations are in construction at this point
- Δ 10 - Dam at Vidima
- Δ 11 - Dam at Kobrinka "Georgi Dimitrov" Dam - now in construction near Kazanluk

K

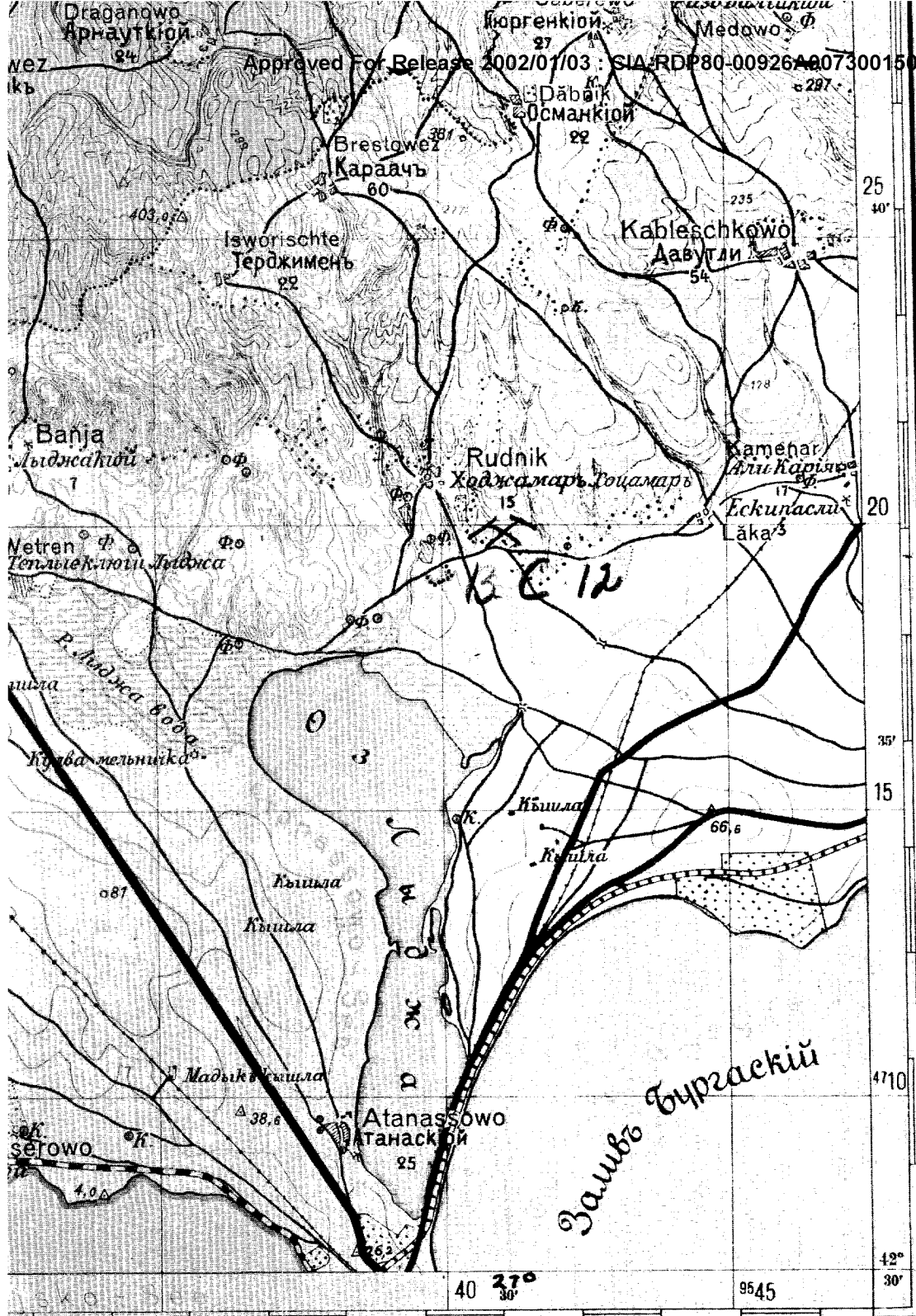
Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6



Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

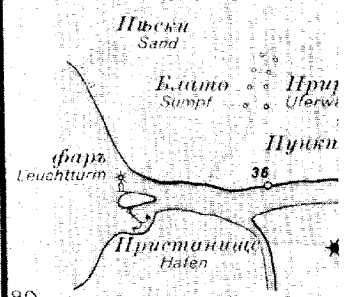
- 06 - Thermoelectric power station near Trevna
- HC 2 - Hard coal mine at Trevna; largest mine at this location is the "Prince Boris" mine; several coke ovens are being operated at this location.
- HC 3 - Hard coal mine "Lev", near Plachkovtsi.
- HC 4 - "Tvarditsa" coal mine - hard coal.
- HC 5 - Hard coal mine at Chumerna.
- BC 10 - Brown coal mine at Nikolayevo
- BC 11 - Brown coal mine at Nikolayevo
- - Military highway from Turnovo to Kilifarevo to Vuglevtsi to Khainboazki to Gurkovo. Completed about 1948 or 1949.

VI-6



М.к. Малки, Малка, Ма
Нов. Нова, Нова, Нова
Оз. Озеро (russ.)
Островъ
Р. р. Река
Разв. Развалина

Ст. Стар. Стари, Стара, Ст
Ст. Станица
Св. Свети, Свѣта, Свѣ
Т. Тѣлѣ (work.)
Ф. Фонтанка (russ.)
Ч. Чешме (turk.)
Чиф. Ч. Чифликъ



Die bulgarische

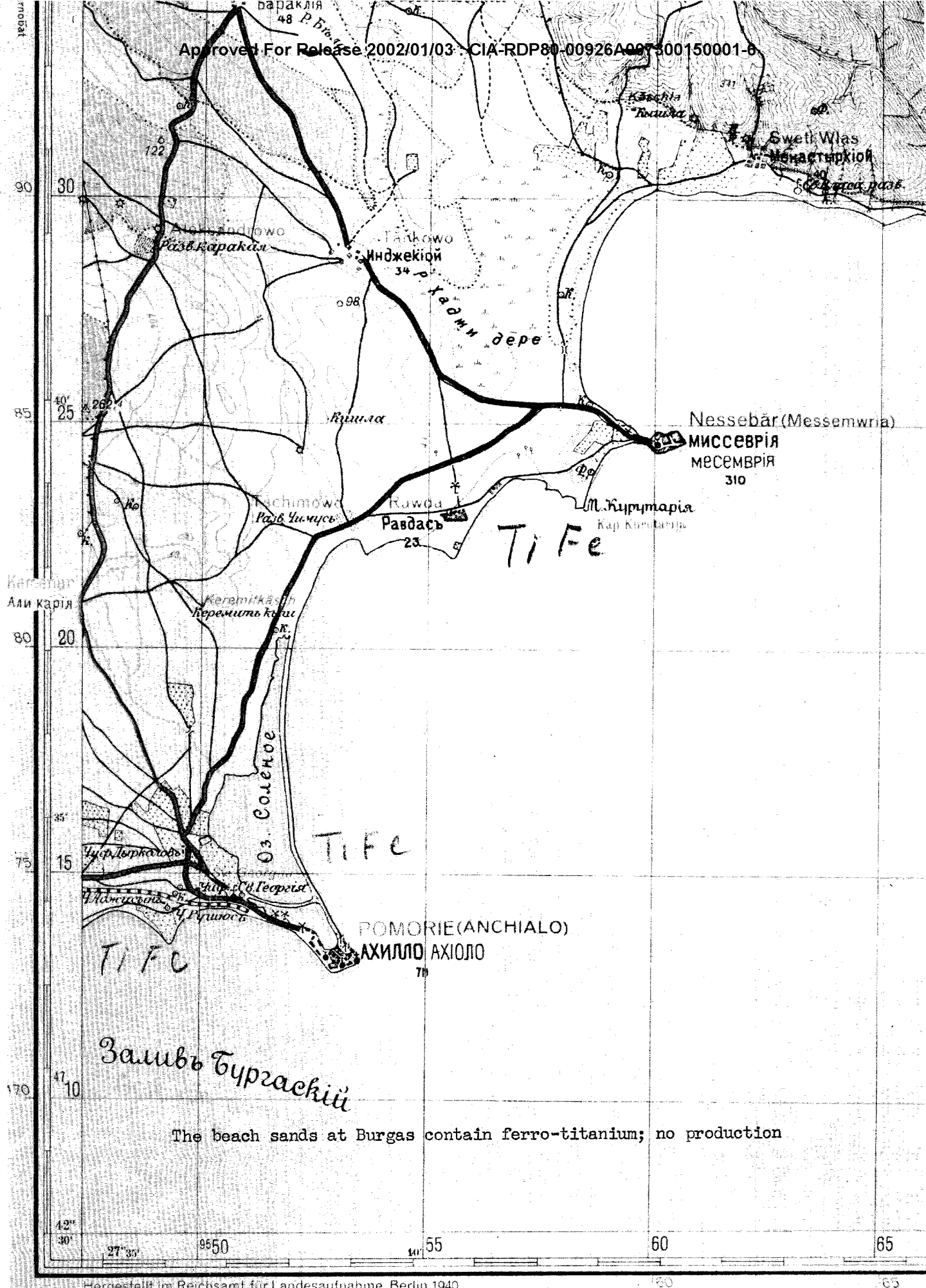
Schreib-schrift	Druckschrift	Aussprache
А а	А а	а
Б б	Б б	б
В в	В в	в
Г г	Г г	г
Д д	Д д	д
Е е	Е е	е
Ж ж	Ж ж	wie das ts in
З з	З з	wie sam
И и	И и	и
Й й	Й й	и
К к	К к	к
Л л	Л л	л
М м	М м	м
Н н	Н н	н
О о	О о	о
П п	П п	п
Р р	Р р	р
С с	С с	wie x in reit
Т т	Т т	wie t
У у	У у	у
Ф ф	Ф ф	f
Х х	Х х	1. wie ch in aber weil im Gaume 2. wie ch in
Ц ц	Ц ц	wie deutsch Zahn, Zä
Ч ч	Ч ч	wie tke
Ш ш	Ш ш	sch
Щ щ	Щ щ	sch
Ъ ъ	Ъ ъ	am Wortend sonst dump
Ь ь	Ь ь	am Wortend dem angt Artikel 1a
Ъ ъ	Ъ ъ	vor o wie i
Ъ ъ	Ъ ъ	wie offenes
Ю ю	Ю ю	wie ju
Ю ю	Ю ю	in Worten fr sprungs wie
Я я	Я я	wie ja
Я я	Я я	wie dumple

Nadelabweichung für Juli 1940.
Für die Mitte des Blattes beträgt die
Nadelabweichung gegen das Gauß-
Krüger-Gitternetz rund
109° westlich — 174° westlich
Jährliche Abnahme — 0,05° oder 0,08°

bezeichnen
ung.

Das deutsche Gauß-Krüger-Netz ist durchgezogen.
Die schrägliegenden Ziffern am äußeren Kartenrande
bezeichnen das bulgarische Gauß-Krüger-Netz.

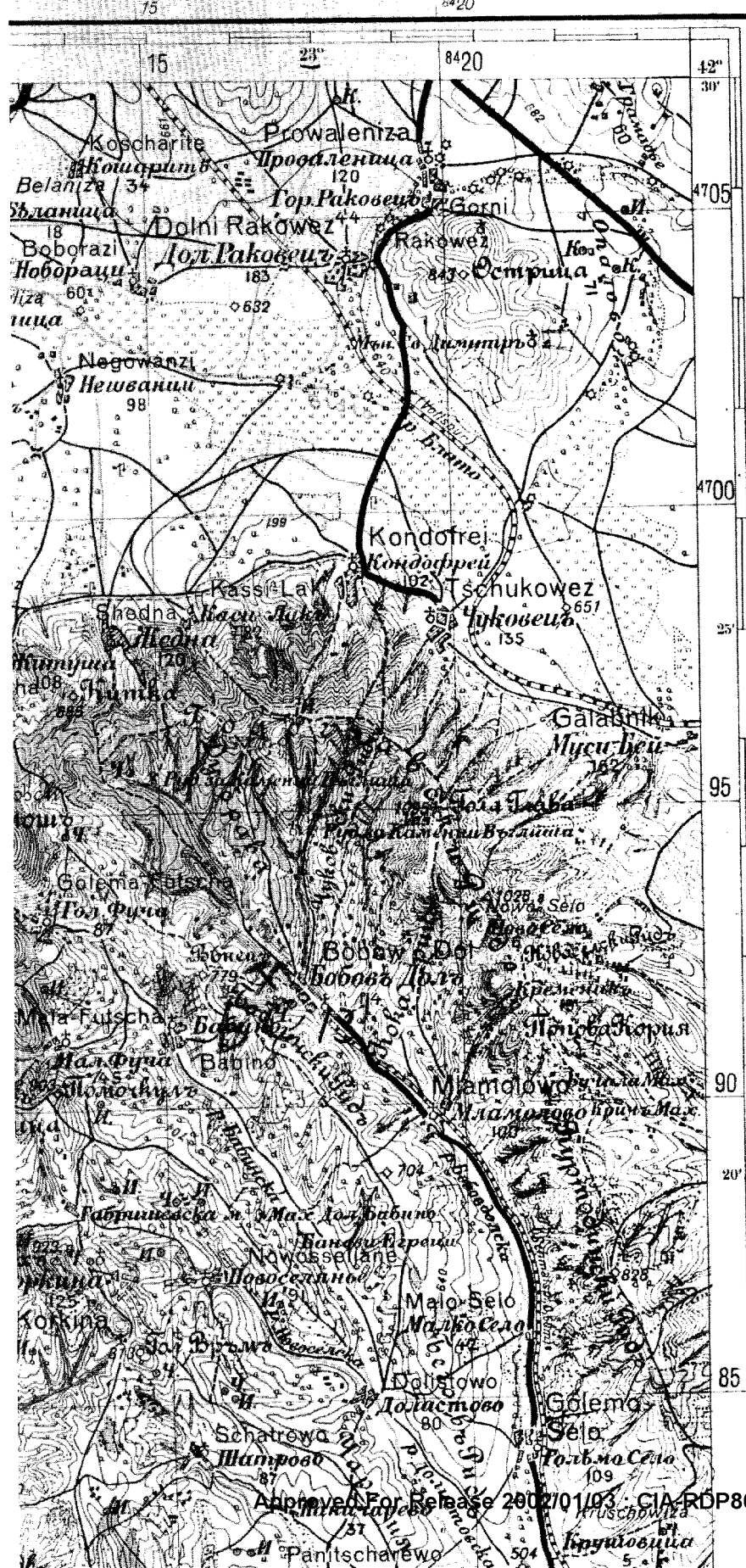
Die Höhenlinien sind auf bulgarisch
von 10 Sashen da
Die ungeraden Zahlen bei der Be-
rechnung von Sa
sind durch die Umrechnung von Sa
(1 Sashen = 2,7)



Ausgabe! 5. 40

Blatt VII 2

Zeichenerklärung für Bulgarien:



СТАРА ЗАГОРА

Bezirkstadt

КУЛА

Kreisstadt

NOWA SAGORA

Ortschaften 5000—10000 Einwohner

Swoboda

Ortschaften 1000—5000 Einwohner

Krawino

Ortschaften 300—1000 Einwohner

Kalowo

Ortschaften 100—300 Einwohner

Slati Dol

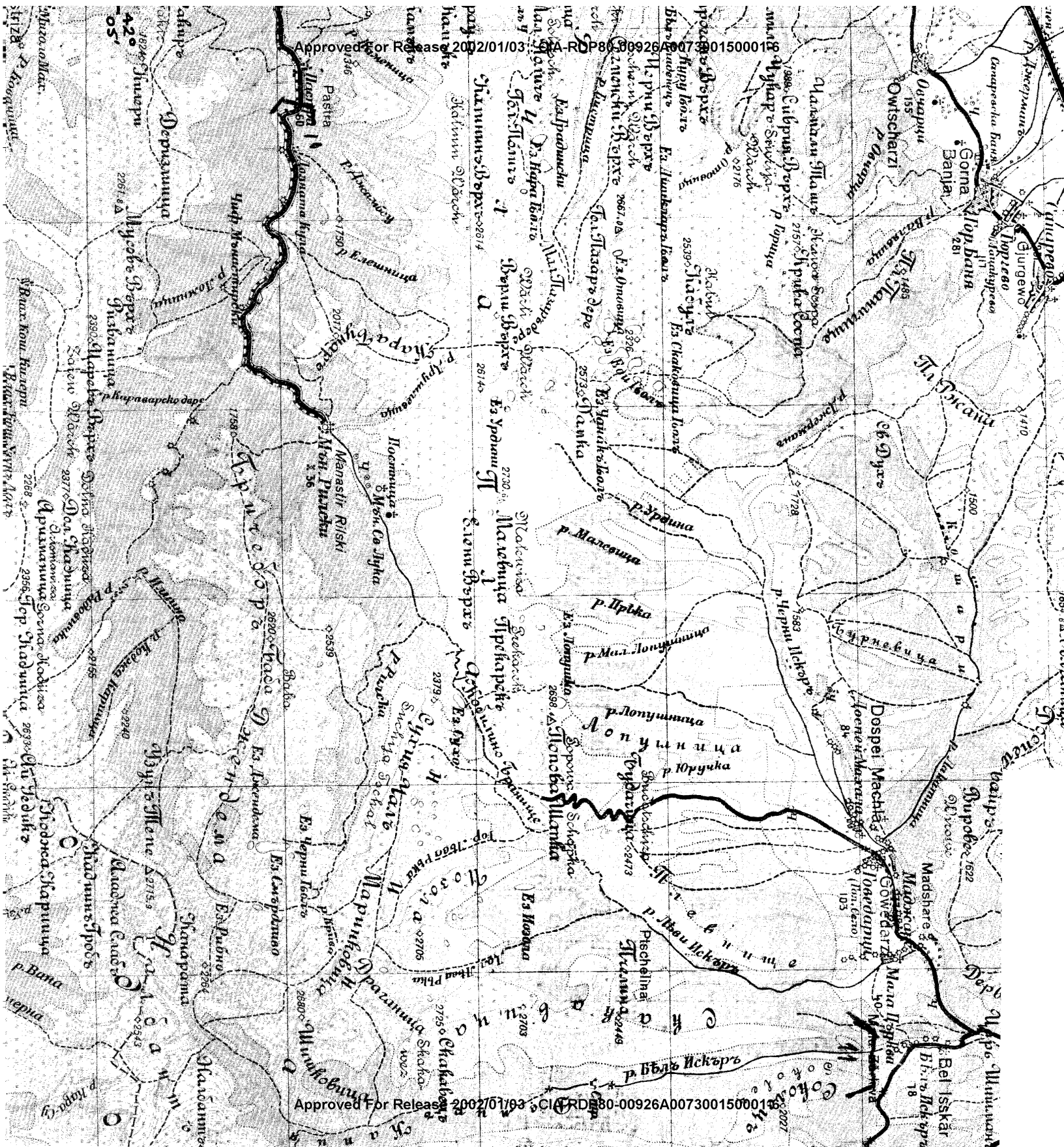
Ortschaften bis 100 Einwohner

Die Zahlen
unter den
Ortsnamen
bezeichnen
die Anzahl
der Feuer-
stellen
(z.T. veraltet)

- Държавна граница**
Staatsgrenze
- Окръжна граница**
Bezirksgrenze
- См. (Bahnhof)**
Vollspurige Eisenbahn
- Железница с естествена**
Eisenbahn, genaue Lage der Bahn unsicher
(Eintragung nach der Karte 1:300 000)
- Железница с постройка**
Eisenbahn im Bau
- Тънкопътна железница**
Schmalspurbahn
- Шосе 1. клас с дървета**
Chaussee 1. Klasse mit Bäumen
- Шосе 2. клас с дървета**
Chaussee 2. Klasse mit Bäumen
Nur bei trockenem Wetter benutzbar
- Път с ровове**
Ortsverbindungswege mit Gräben
- Път без ровове**
Ortsverbindungswege ohne Gräben
- Път**
Fußweg
- Християнска гробница**
Friedhof für Christen
- Мохамеданска гробница**
Friedhof für Mohammedaner
- Доля**
Weinberge
- Градини**
Gärten
- Розови градини**
Rosengartenpflanzung
- Зеленчукови градини**
Gemüsegarten
- Оризница**
Reisfeld
- Калъп**
Schutt
- Гора**
Wald
- Храсталък**
Gestrüpp
- Камъно**
Stein
- Суша ливада**
Trockene Wiese
- Дървета**
Einzelstehende Büsche, Bäume
- Тригонометричен пункт**
Trigonometrischer Punkt
- Геометричен пункт**
Geometrischer Punkt
- Телеграф. линия**
Telegraphenleitung
- Телеграф. станция**
Telegraphenstation
- Поща**
Postamt
- Кръма, Ханг**
Schenke, Herberge, Ausspannung
- Манастир**
Kloster
- Църква**
Kirche

VII-2

BC 13 - "Bobov Dol" brown coal mine



- △ 11 - Hydroelectric station at Pastra.
- △ 12 - Hydroelectric station at Mala Tsurkva - in construction
- 7 10 - Dam at Pastra
- 7 11 - Dam at Mala Tsurkva

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

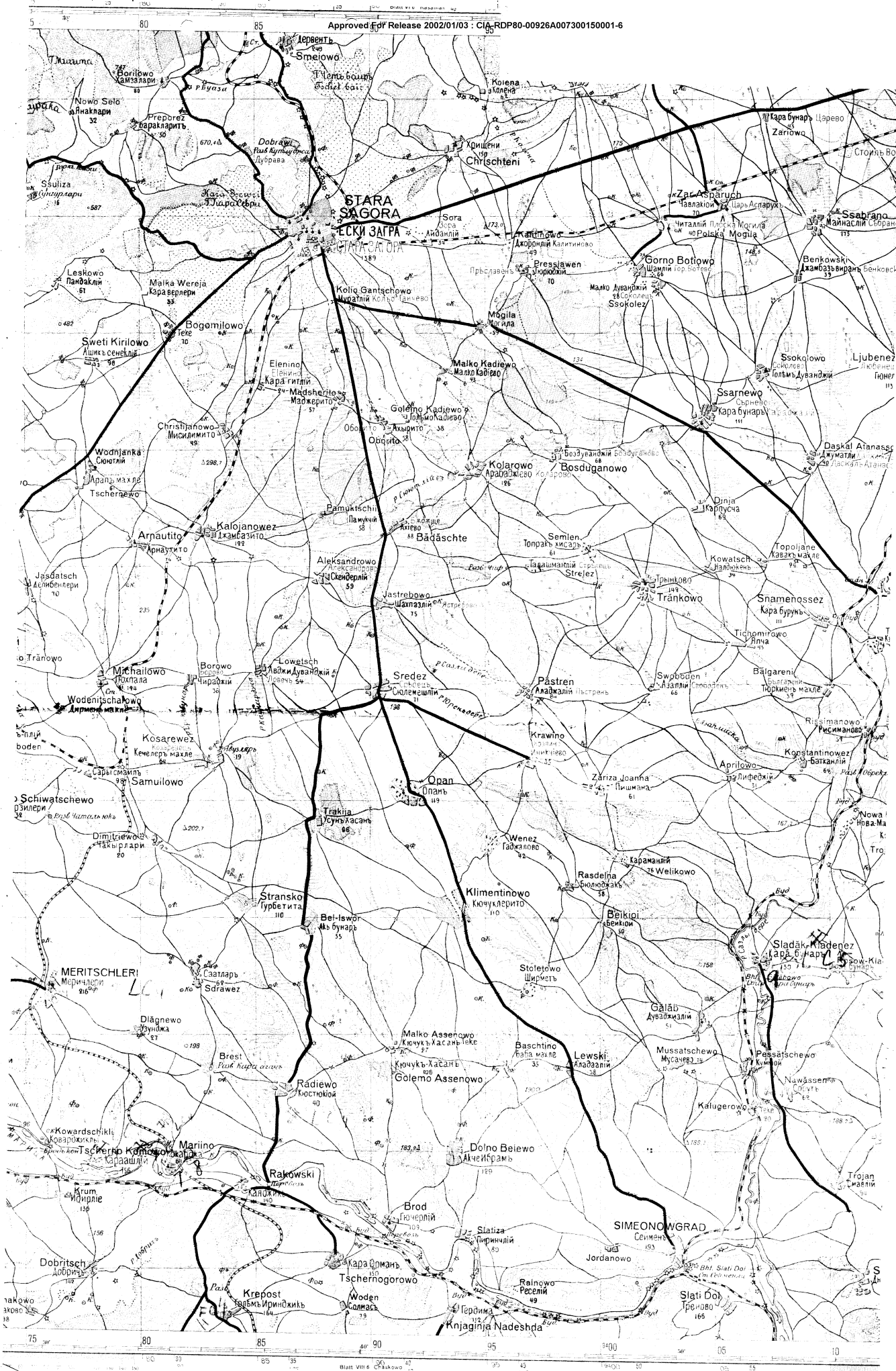
Topographic map showing a region with numerous towns and settlements. Key locations include:

- WETREN** (left center)
- PASARDSHIK** (center right, labeled "ТАТАРЬ-БАЗАРАЖИК")
- MAŁO-KONARE** (right center)
- BRATONIZA** (center)
- WARWARA** (center left)
- KAMENIZA** (bottom left)
- BRAZIGOWO** (bottom right)

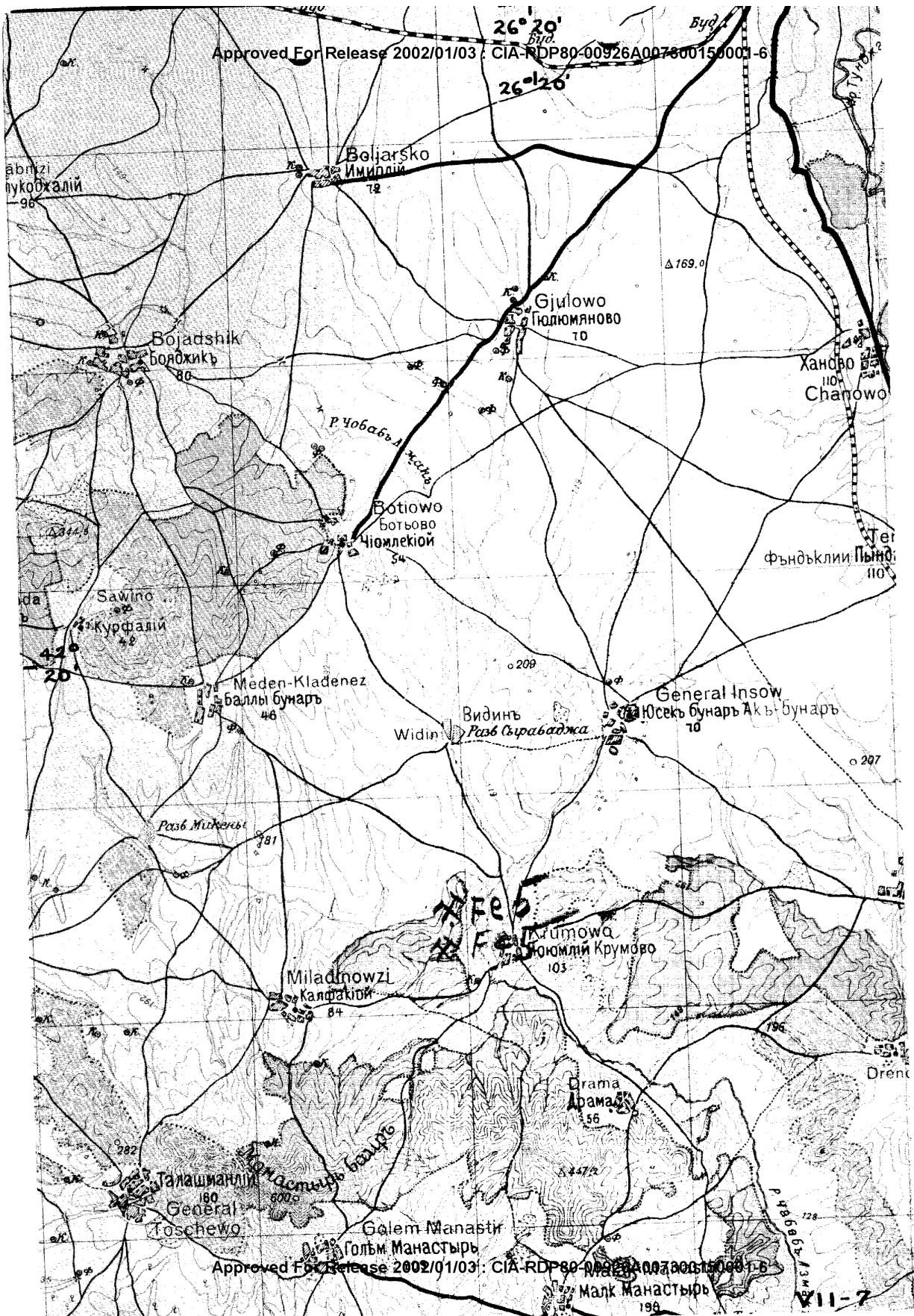
The map features a grid system with coordinates ranging from 10 to 35 on the horizontal axis and 5 to 15 on the vertical axis. A scale bar at the bottom indicates distances in kilometers (0 to 30 km) and miles (0 to 20 miles). The map is labeled with various geographical features, including rivers (e.g., "R. Bystroica", "R. Luga") and elevation points.

- △ 13 - Hydroelectric station at Elli-Dere (Vetren Dol) - in construction
- △ 14 - Hydroelectric station at Krichim - in construction
-] 12 - Dam at Elli-Dere (Vetren Dol) - in construction
-] 13 - Dam at Krichim - "Vodzha" dam in construction
- Fe 3 - Iron deposits are Golak; no exploitation to date
- Cu 1 - Copper mine at Elshitsa (pyrites)

YU-4



- 07 - "Tets Maritsa" thermo_electric power station near Dimitrovgrad
- 08 - "Tets Volko Chervenkov" thermoelectric power station near Dimitrovgrad
- 09 - "Tets Maritsa Eastok" - projected
- LC4 - Lignite mines in the Maritsa West (Dimitrovgrad) area.
- LC4 - Lignite mine in the Maritsa East area
- Fe4 - Iron mine at Krepost



Fes
Fes - Iron mines at Krumovo; there formerly was one private and one state
mine at Krumovo; since nationalization, these two mines have been
combined into one.

Blatt VII 8

Nur für den Dienstgebrauch!

Zeichenerklärung

СТАРА ЗАГ

Bezirksstadt
КУДА

KOSTA
Krebstadt

NOWA SA

Swoboda

Krawino

Kalowo
Ortschaften 102-37

Slati Dol
Etschaften bis 700

Директор

Διεύθυνση
 Στατιστικής
 Οκτώβριος

(Bahnhof) *Berücksichtigt*
Keine
Veränderung

W. K. M. M.
Eisenbahn

Железные
Eisenbahn

Tuchon
Schmalspur

Floor 1
 Chaussee
 Floor 2

Illoc 2
Chaussee
Nur bei t

Hamburg
Ortsverbin
Hamburg

Ortsverbi

Film
 Fußweg
 Хруст

Friedhof
Mormon
Friedhof

Tom
Weinher



Pyridium
Garten
the name

 Министерство
 образования
 Российской Федерации

Opuzen
Brijuni

Reisfeld
Korn
Schiff

Fopa
Wald

Храбр
Гостеп
Благод

Sample

Cyrc

198

Труды
Института

Geom
Geom
m

Telex
Telegram
Telex

 Teleg
 Hon

Posta
Kpna
Scher

Munich
Zoll

f f *Man*
Klost
H

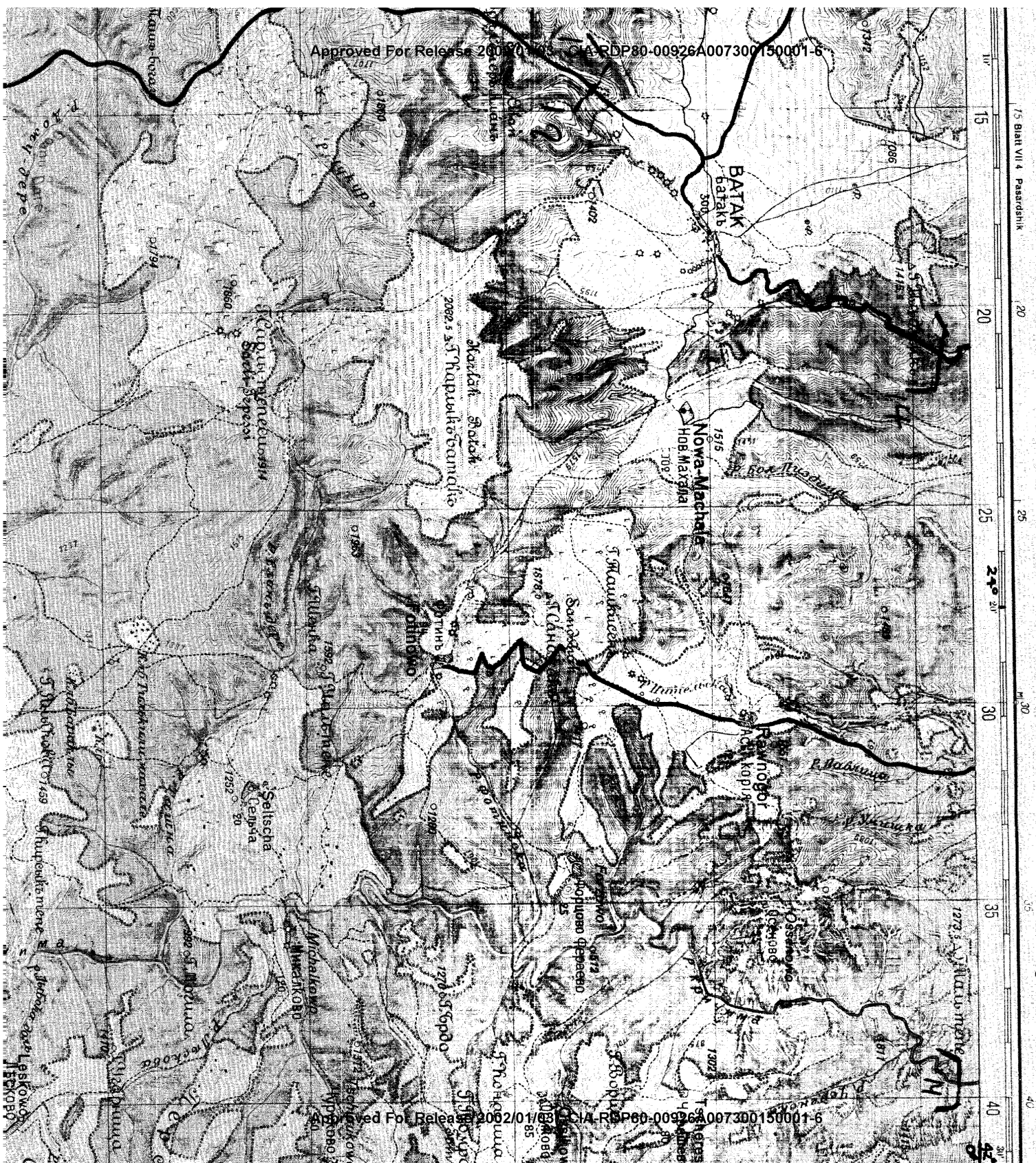
VII-8

010 - "Tets Chernomore" thermoelectric power station; now called "Tets Vasil Kolarov" - near Burgas.

FeTi - The beach sands at Burgas contain ferro-titanium; no production

Cu2 - Copper mine at Rossen

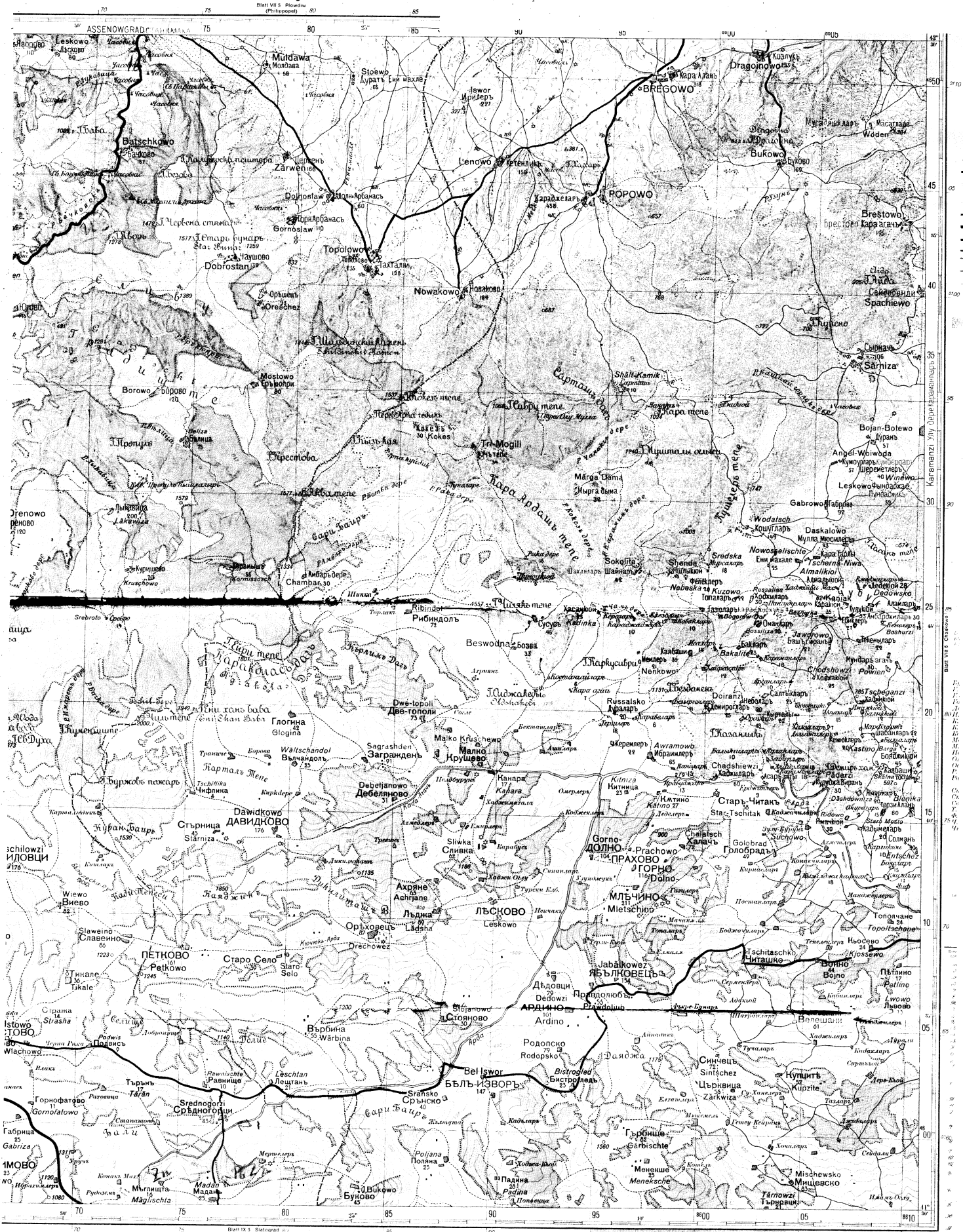
Vorläufig



Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

- Hydroelectric station which is projected - exact location doubtful
- Dam on Yr'ohin T'loni, two (two) kilometers down, possibly called "Yr'ohin T'loni"
- Dam under construction - exact location is doubtful

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6



10 - Hydroelectric station near Asenovgrad - last reported in construction, but believed to have been completed.

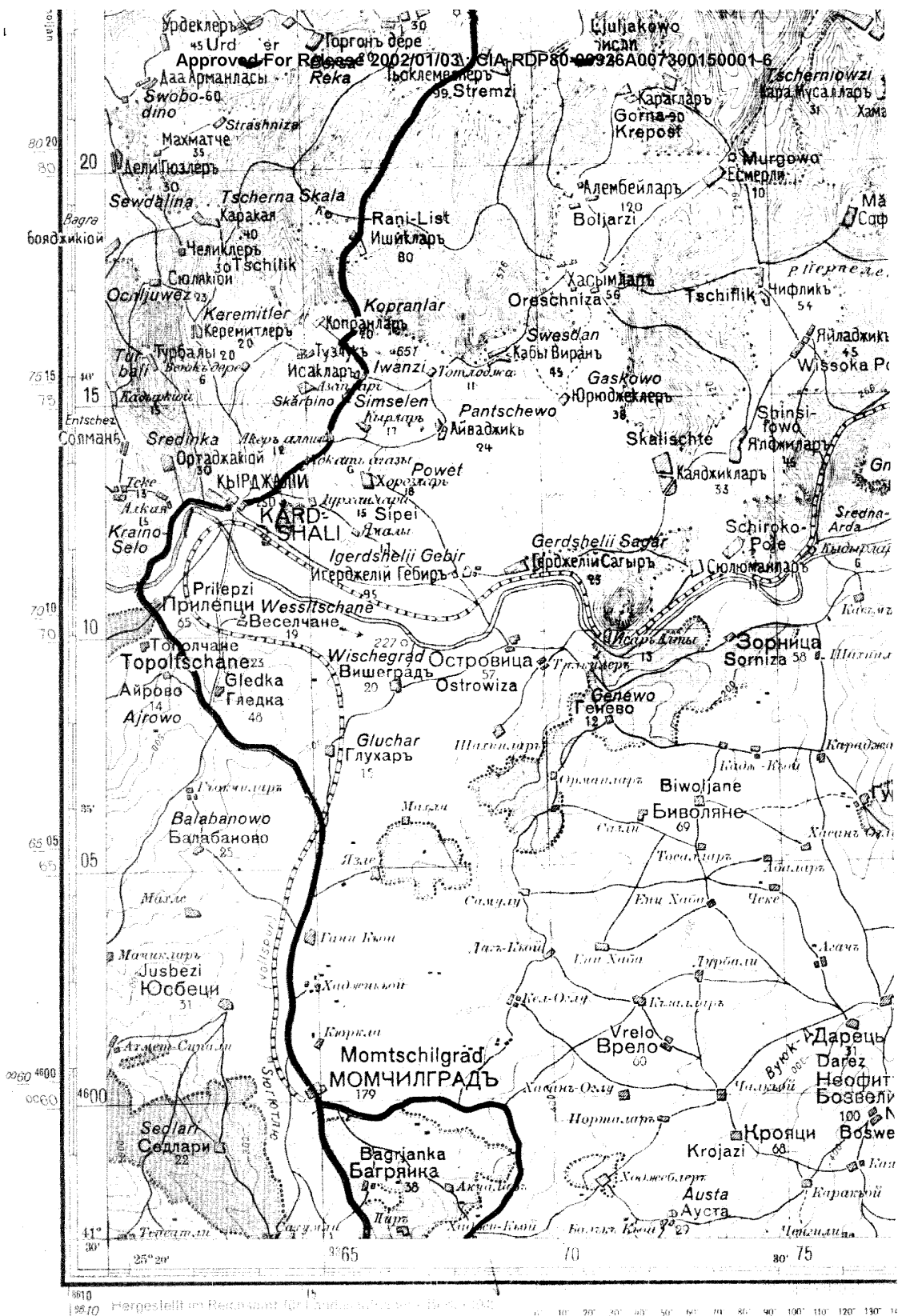
16 - "Assenitsa" Dam


PZ - Lead and zinc mines "Gorubze"; formerly two mines, but there are now over 20; all operated by the Soviet-Bulgarian enterprise known as "Gorubze"; only known locations are indicated on the map. See also IX 5

1 - Flotation plant at Srdnogortsi.

- Aerial tramway

U3 - Uranium mine between Bachkovo and Narechen (exact location unknown)

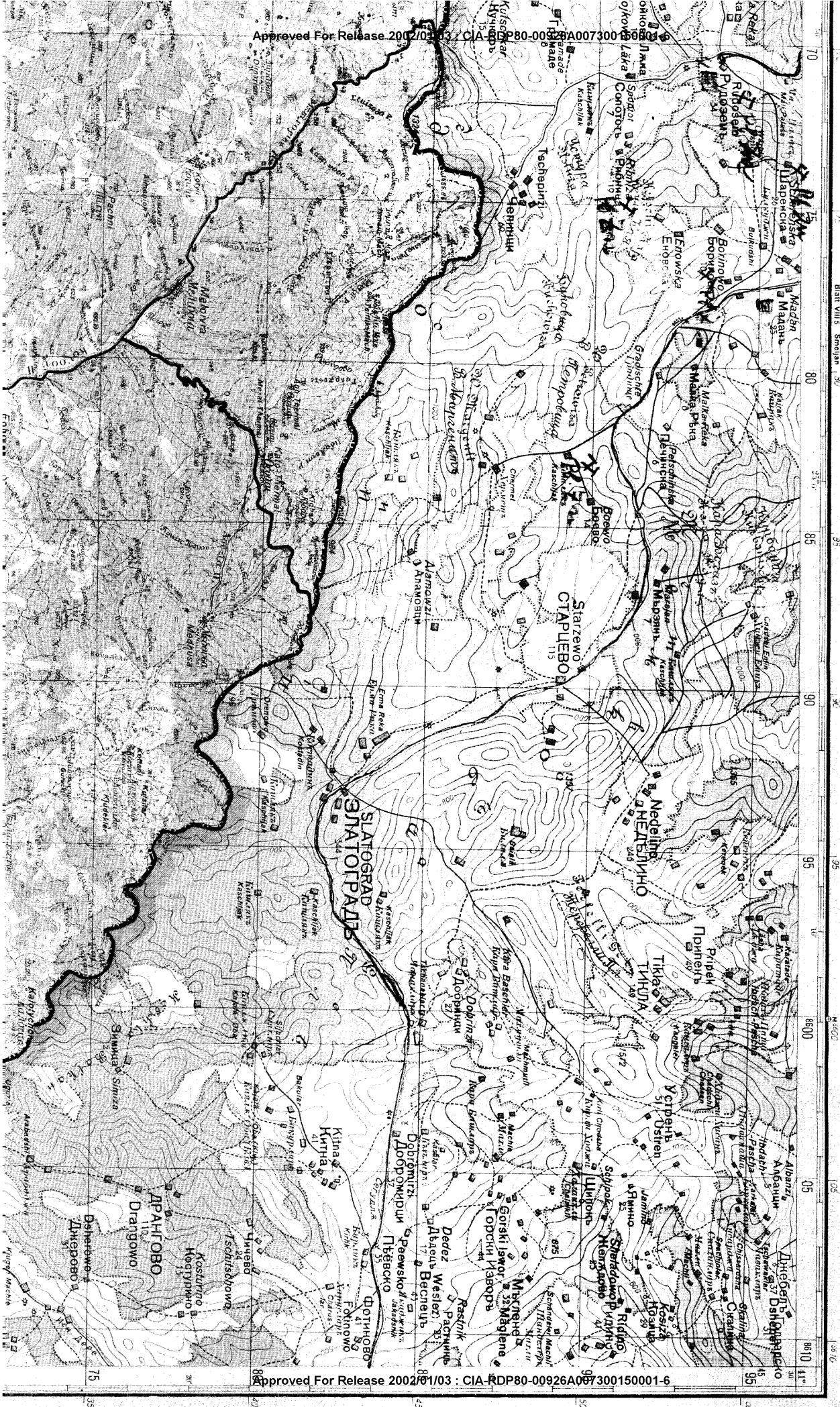


-  2 - Flotation plant at Kurdzhali
- Aerial tramway

Slatograd

Nur für den Dienstgebrauch!

Blatt IX 5



- FD 2 A - Lead and zinc mines "Gorubze"; there were formerly two mines at this location; but there are now over 20; all operated by the Soviet-Bulgarian enterprise "Gorubze"; only known locations are indicated on the map. See also VIII 5
- 3 - Flotation plant at Madan
- 4 - Flotation plant at Rudozem
- Aerial tramways
25X1X
- Road improved [REDACTED]

Bulgarien 1:100000

Deutschland

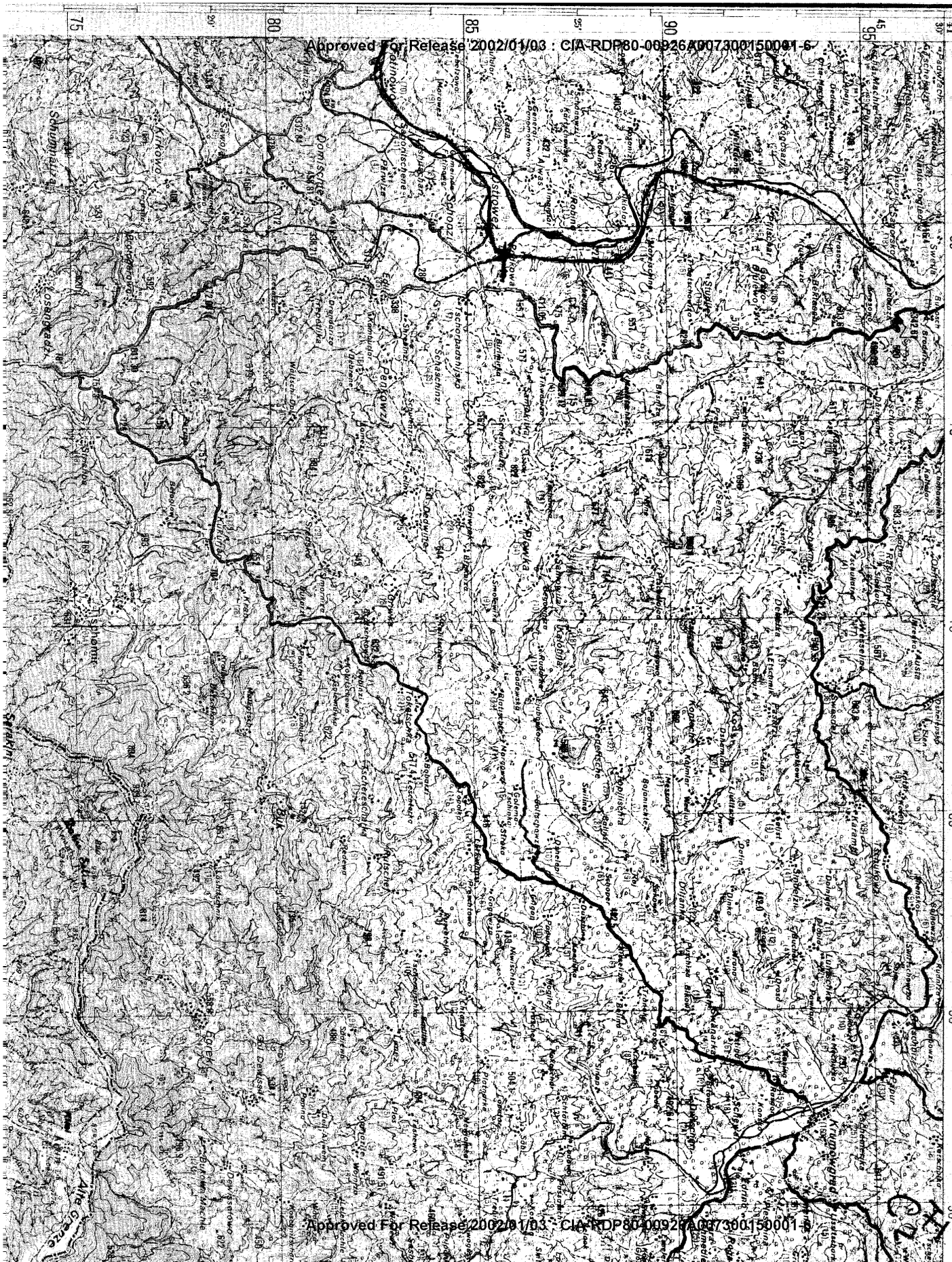
Nicht für die Öffentl.

3360 18615 8615 65 120 720 10 125 25 75 30 80 35 85 40 90

25 30 0. L. v. Greenw. 1936 70 80 85 90

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6

Approved For Release 2002/01/03 : CIA-RDP80-00926A007300150001-6



- CV - Location of several small chromium mines which are not now in production.
- - The extension of an existing railroad line by connecting Podkovo with Zlatograd has been planned, but ~~not~~ action taken.